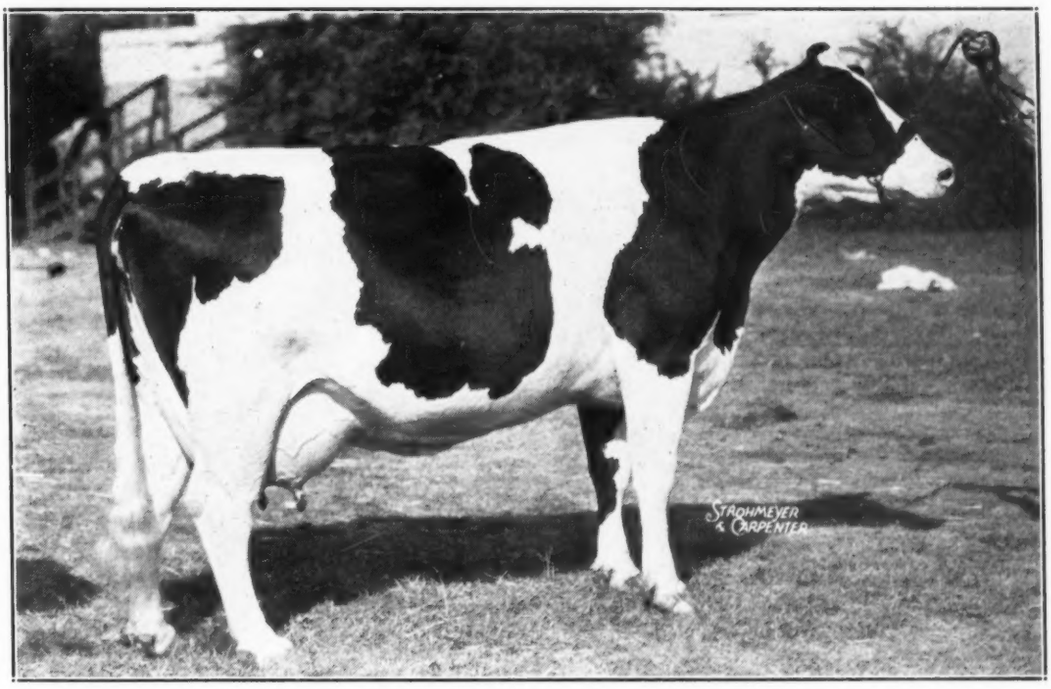
HOLSTEIN-FRIESIAN WORLD

VOL. XXXIX MARCH, 28, 1942 NO. 7

Grand Champion Makes 1248 Lbs. Fat



CARNATION HOMESTEAD INKA MUTUAL 1820797

Grand Champion at Wisconsin, Michigan and Kentucky State Fairs, 1941. She has now closed the phenomenal record of 32,470.4 lbs milk, 3.8%, 1,248.2 lbs fat as a 5-year-old, Class A. She travelled over 6,000 miles while making this record. Bred and owned by Carnation Milk Farms, Seattle, Wash.

In This Issue

- Vitamin C for Sterility
- Effect of Age on Breeding Efficiency
- Signs of the Times
- Delegate Nominations

AND THE NEWS AND PICTURES OF THE INDUSTRY

A SON OF THIS

All-American Two-Year-Old

Will Make a Great Herd Sire for Any Real Herd

LAWNWOOD MARATHON LAURA (At 2 Years Old)
All-American 2-yr-old 1939 — Grand Champion (at 2 yrs) Iowa State Fair 1939
First Prize 2-yr-old National Dairy Show, Pacific International and the Illinois, Wisconsin, Iowa, Indiana and Kentucky State Fairs 1939

Her daughter, by DICTATOR, was second prize Junior Yearling at Wisconsin and Iowa 1941, first at Tulsa and Springfield, Mo.

LAURA HAS THE FOLLOWING RECORDS
At 2½ yrs — 365d — 19156.2 Milk, 3.5%, 668.8 Fat
(Qualified for the 10 Months Division)
At 4 yrs — 365d — 17753.6 Milk, 3.7%, 654.4 Fat

Her Last Calf—MARATHON FOBES POSCH—Born August 7, 1941

A very nice calf, marked about like his dam but possibly a bit darker, just the right age to show as a senior calf this coming fall. His maternal sister and paternal brother both top winners on the tough 1941 show circuit.

His sire, MAN-O-WAR FOBES POSCH, is a son of Posch Ormsby Fobes from "Betty," one of the greatest and best uddered daughters of old Man-O-War. Betty has three records averaging over 800 lbs fat, all testing 3.7%, best record over 900 lbs fat. She has two daughters over 900 lbs fat and 22 sisters over 800 lbs fat.

MAN-O-WAR FOBES POSCH has some good uddered, large size, typy daughters now making over 500 lbs fat on twice a day milking with second calf.

LAWNWOOD MARATHON LAURA is by the well known Woodlawn sire, Man-O-War Marathon, who is by Man-O-War 62d and from our grand old "Marathon" show cow.

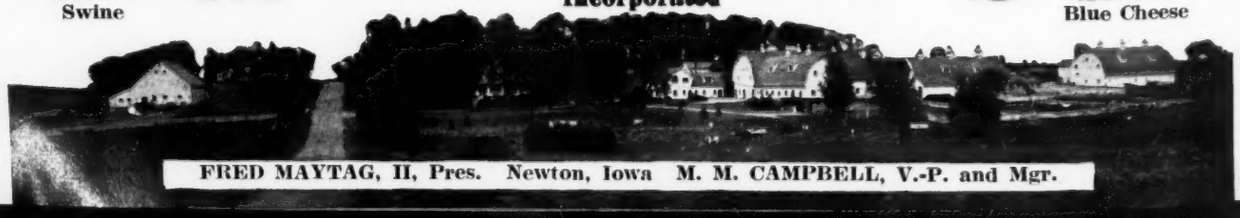
Price and Pedigree of MARATHON FOBES POSCH Sent on Request
The Dams Back of Him have the Right Kind of Udders and are Great Producers

Also Breeders of DUROC Swine

MAYTAG DAIRY FARMS

ACCREDITED Incorporated CERTIFIED

Home of MAYTAG Blue Cheese



FRED MAYTAG, II, Pres. Newton, Iowa M. M. CAMPBELL, V.-P. and Mgr.

Over 900 Lbs. Fat in Class B

It takes quite a cow to produce over 900 lbs fat on three-time milking—and it takes quite a bull to sire more than one daughter with such a record. Of all the sires of the Holstein breed in this country, those that have as many as three daughters above 900 lbs fat on 3X can be counted on the fingers of one hand—and two of them are the two foundation sires at Osborndale—Sir Bess Ormsby May and Sir Piebe Inka May Fayne,—two sires that spent their lives at the head of the Osborndale herd, which now consists quite largely of their descendants.

SIR BESS DAUGHTERS			INKA DAUGHTERS	
Osborndale Ethel Ormsby May	4½y B	992.6	Osborndale Duchess Ormsby	936.6
Osborndale Rhoda Ormsby May		952.9	Osborndale Inez Inka Fayne	923.8
Osborndale Flossie Ormsby May		924.7	Osborndale Joan Inka May	920.7

In no other herd in the world of any breed, so far as we know, have two sires been developed that have each sired three 900-lb Class B daughters.

OSBORNDALE BULL AGAIN TOPS EARLVILLE SALE — In the March Earlville Sale a young double grandson of Sir Bess Ormsby May topped the sale at $550. Our congratulations and best wishes to the buyers, Messrs. Totman and Jones of Cazenovia, N. Y. It was a twin brother to this calf that we gave as a prize last summer to the New England winner of the National "Holsteins for Dad" Essay Contest, won by Lewis J. Ward, Jr., Needham, Mass.

OTHER YOUNG BULLS OF SIMILAR BREEDING ALWAYS AVAILABLE

ACCREDITED **OSBORNDALE** CERTIFIED

MRS. W. S. KELLOGG, Owner **Derby, Conn.** **F. M. NICHOLS, Supt.**

We Are Proud to List Such a Uniform Group

As These Daughters of Quon-quont Sir Modest

	Milk	Fat	%	Age
QUONQUONT LUCINDA MODEST	19,521.8	775.4	4.0	2y
QUONQUONT PERELLA MODEST	18,509.6	738.4	4.0	3y
QUONQUONT MINERVA MODEST	18,747.7	699.1	3.7	2y
QUONQUONT MAXINE MODEST	17,886.8	691.7	3.9	2y
QUONQUONT HEPSY ANN MODEST	17,732.4	691.6	3.9	2y
QUONQUONT ELAINE MODEST	18,129.2	678.9	3.7	2y
QUONQUONT MIMOSA MODEST	16,351.6	659.0	4.0	2y
QUONQUONT JANICE MODEST	17,369.7	658.9	3.8	2y
QUONQUONT ROSEANNA MODEST	17,270.4	654.9	3.8	22m
QUONQUONT SCARLET O'HARA	17,505.8	641.1	3.66	2y
QUONQUONT OLYMPIA MODEST	19,030.4	636.6	3.4	2y
QUONQUONT FEDETTA MODEST	15,002.9	628.6	4.2	2y
QUONQUONT FEDETTA MODEST	17,470.6	627.2	3.6	3y
Average 13 Daughters	17,732.9	675.4	3.8	

QUONQUONT SIR MODEST
A real transmitter of type, fat test and production.

These are the 13 daughters of Quonquont Sir Modest that have made over 600 lbs fat at first freshening. The latest addition to the list is QUONQUONT SCARLET O'HARA MODEST, recently finished with 17,505.8 lbs milk, 641.1 lbs fat, 3.66%. An outstanding show heifer. More are on the way.

Make us a visit and select your next herd sire from the Modest Blood Line. We now have a choice lot of SIR MODEST 27th sons available.

Remember QUON-QUONT — Where Quality Prevails and CALFHOOD VACCINATION Predominates

QUON-QUONT STOCK FARM

F. U. WELLS, Owner. HARVEY SINCLAIR, Supt.
Herd Fully Accredited Since 1928

WHATELY MASS.

Published Every Other Saturday Price $1.50 Per Year
Entered as second class matter December 16, 1918 at the office at Lacona, New York, under the act of March 4, 1879

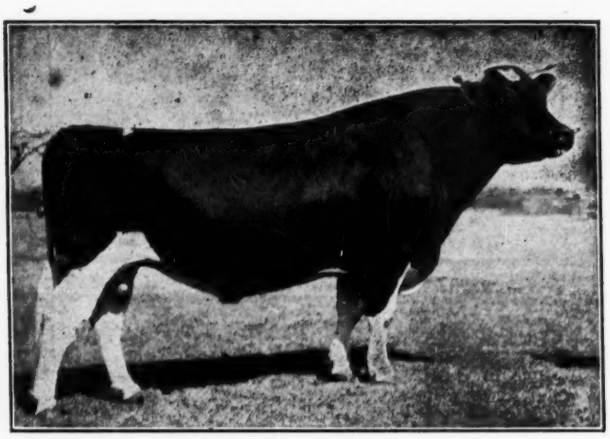
More About Our Herd

In recent issues of **The World,** we have told you about our Gold Medal Proven Sire, WISCONSIN ADMIRAL BURKE LAD, and our junior sire, SIR ORMSBY SKYLARK BARBETTA. For complete information on these splendid sires at the head of our herd we refer you to the last three issues.

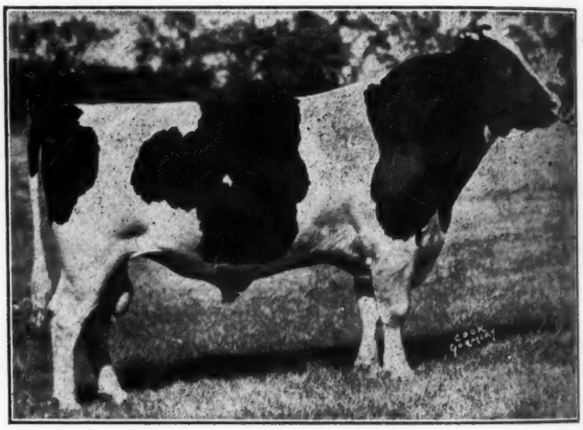
On the opposite page we present many recent records made by females that are being bred to these sires. Ten of the 16 animals were bred at Pabst Farms and two of the others carry our breeding.

Here Are Two of the Sires Responsible for Many of These Records

Both Bred at Pabst Farms as well as their Dams before them



PABST BELMONT CREATOR
Now dead. He has transmitted high test to his offspring, the vast majority of his daughters reported to date testing from 3.9 to 4.6%.
His dam at 4 yrs.—918.1 lbs fat, 4.4%



PABST CASCADER PRIDE
Now owned by Mr. O. H. Kohlbusch, Grays Lake, Ill.
First prize 3-yr-old — Wisconsin 1940
First prize 2-yr-old — Wis., Ill., Ohio 1939
His dam at 3 yrs—844 lbs fat, 4.0%.

Note in the list of records that the daughters' records are in Class B while most of their dams were tested in Class A. Note also that **the daughters in EVERY CASE made more than their dams,** when computed on a like basis.

We invite Holstein breeders who are attending the Anniversary Sale to visit our herd and acquaint themselves with our sires, our females, our test cows and our younger animals.

A PERIOD OF 34 YEARS OF CONTINUOUS BREEDING OF HOLSTEINS

Is the Background of our Present Herd

WHEN IN THE MARKET FOR A YOUNG BULL TO HEAD YOUR HERD

Write us for Pedigrees and Prices of Our Bull Calves, Stating Age Desired

Foresight Pays in the Breeding of Better Holsteins

PLAN AHEAD AND SECURE A BULL CALF BEFORE YOU NEED HIM

Records Recently Completed In Our Test Barns

Mature Records

	Age	Lbs Fat		%	Class
PABST CASCADE CRUSADER BELMONT	6y	910.3		3.8	B
Dam's record—2y 509.0 fat, 4.0%, Cl. A					
LADY PIETERTJE SKYLARK ORMSBY	6y	853.2	(SA)	3.7	B
Dam has no record					
RAYCLARE ALCARTRA ORMSBY	5y	811.0		3.5	B
Dam's record—4½y 494.1 fat, 3.7%, Cl. C					
QUEEN OF THE ADMIRALS	6y	777.7	(SA)	4.0	B
Dam's record—8y 769.8 fat, 3.7%, Cl. A					
BREEZE TRITOMIA SKYLARK	5y	722.0		4.1	B
Dam has no record					

Records Made by 2-yr-olds

Pabst Belmont Creator Daughters

PABST BELMONT CASCADER	2y	699.7		3.4	B
305-day record (Wis. State Record)	2y	605.8		3.3	B
Dam's record—2y 480.5 fat, 3.3%, Cl. A					
PABST BELMONT EYEBRIGHT	2y	648.9		3.9	B
Dam's record—2y 626.8 fat, 3.6%, Cl. A					
PABST BEAUTY BELMONT	2y	617.4		3.7	B
Dam's record—2y 515.6 fat, 3.6%, Cl. A					
PABST BELCORN EYEBRIGHT	2y	566.5	(SA)	4.0	B
Dam's record—2y 477.7 fat, 3.4%, Cl. A					

Pabst Cascader Pride Daughters

PABST PRIDE PIETERTJE BLOOM	2y	620.6		3.6	B
Dam's record—2½y 669.2 fat, 3.6%, Cl. A					
PABST PRIDE MONSADER PEARL	2y	563.3		3.5	B
Dam's record—2y 565.9 fat, 3.3%, Cl. A					
PABST PRIDE CASCADE CORNFLOWER	2y	557.3	(SA)	3.6	B
Dam's record—2y 556.2 fat, 3.9%, Cl. A					

Pabst Sir Cascade Paul Daughters

PABST PAUL BELMONT CASCADER	2y	626.8		3.7	B
Dam's record—2y 500.8 fat, 3.5%, Cl. A					
PABST PAUL MONCADE HARTOG	2y	556.0		3.5	B
Dam's record—2y 593.1 fat, 3.4%, Cl. A					

Other 2-yr-olds

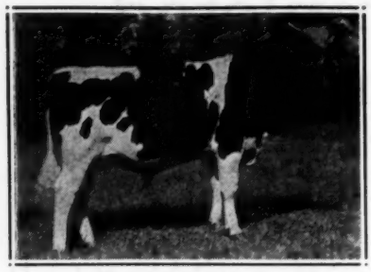
LONE VALLEY ORMSBY SENORITA	2y	779.3		3.3	B
Dam's record—3½y 737.9 fat, 3.7%, Cl. B					
PABST BONNY FOBES SUPERB	2y	602.9		3.5	B
Dam's record—2y 601.6 fat, 3.3%, Cl. A					

(SA) means Subject Approval, that is, owner's figures, not yet officially verified

We now have 35 head on test in our test barn and 20 more 2-yr-old heifers on test in stanchions. All are in Class B. The rest of our herd is milked twice-a-day.

PABST FARMS

(Acc. & Neg.) **Oconomowoc, Wis.**



Chip of Nettie and Aaggie

Now in heavy service, this 1941 All-American bull calf is developing into top yearling form for the 1942 shows. His sire, Osborndale Sir Inka Aaggie, three times Reserve All-American, is a son of the 4% sire, Sir Piebe Inka May Fayne from a 748-lb fat 4-year-old dam. Jonabell Nettie, "Chip's" dam, is a 744-lb fat, 3.9% (Class B) daughter of Admiral Ormsby Fobes Again, and, please note, one of the very best of his long string of outstanding daughters. She is a recent addition to our foundation herd.

Villisca Iowana Ollie Burke

"Villisca" is also doing heavy duty as a herd sire. Two times All-American, at two and three years old in 1940 and 1941, he enters the mature classes this fall. The lower side of his pedigree is entirely Iowana breeding, his 543-lb fat (Class C) dam being a double granddaughter of Tritomia Pietertje Ormsby and a direct great granddaughter of Burke Fryslan Waldorf (former Class B World Champion). On the upper side are three direct generations of proven sires from the Mt. Pleasant and Clarinda State Hospitals in Iowa.

Just Nine Weeks 'Til Convention — We'll Be Looking For You

F. W. GRISWOLD
Owner

FRANLO FARMS
Hopkins Minn.

HENRY BARTEL
Superintendent

The Jonabell Herd

The Utmost in Quality Holsteins

Building a Deubler Family—

By Mating

Deubler Daughters

To

Deubler Sons

Or Back To

Deubler Himself

Our oldest Deubler Daughters are now making records far beyond our fondest hopes — and his younger daughters show equal or even greater promise.

We are now working out some interesting combinations in the intensification of PEARL BLOOD by the matings outlined above.

DUNLOGGIN DEUBLER
Our inbred son of Lashbrook Pearl Ormsby, by her older son, Dunloggin Woodmaster.

For Further Information, Write

JOHN A. BELL, Jr. — Oliver Bldg. — Pittsburg, Pa.

JONABELL IS LOCATED NEAR SEWICKLEY, PENNSYLVANIA

Great Record at Union Grove

First in Wisconsin — 8th in the Nation

Congratulations are extended to the SOUTHERN WISCONSIN COLONY & TRAINING SCHOOL at Union Grove, Wis., where a cow of their own breeding has just broken the Wisconsin State Record with a production that also stands 8th in the nation.

SOWISCOL POSCH CREATOR ESTHER 1783839
At 5yrs—305d B—20,118.4 Lbs Milk, 4.2%, 840.0 Lbs Fat
331d B—20,579.8 Lbs Milk 4.2%, 860.1 Lbs Fat

In the 305-day division, Class B, she displaces as Wisconsin State Champion one of Emil Titel's great Vickery Vale cows, that made 786.6 lbs fat.

Esther was bred at this State Institution herd, being a daughter of Winterthur Posch Ormsby King. As a junior two-year-old in Class B she made 692.4 lbs fat with 4.4% test.

This makes NINE STATE RECORDS for butterfat production in the regular divisions and classes now held by Holsteins developed in the Wisconsin State Institution herds, the others being at Wisconsin Industrial School for Boys, Wisconsin State Reformatory and Winnebago State Hospital.

Wisconsin State Department of Public Welfare

W. W. KINYON, Farm Supervisor **Madison, Wisconsin**

Rochester, Michigan

Lester F. Houghten Dispersal—April 6

60 Registered Holsteins

Mostly Young Cows In Milk—

The herd is made up mostly of cows in milk, with a few heifers and calves. Every cow was bred on the farm and the herd has been rigidly culled for production, with every animal T. B. and Bang's tested within 30 days of the sale.

The herd is made up of daughters of Larro King of Troy, by a son of Count Veeman Segis Piebe 19th—daughters of Blythefield Dixie Pietje — daughters of Mooie Gem Colantha, an Ollie-Mooie bred former herd sire. Back in the pedigrees of many of the top animals is Velvet Pride Clothilde, who was a son of Pride of Sir Piets. It's some of Michigan's best breeding.

4-Yr-Old Herd Sire Selling—

Van Hoosen Boast 456, born September, 1938. He is by a son of King Posch Ormsby of Winterthur from a 2-year-old daughter of Carnation Inka Fayne, proven son of Sir Inka May. Dam's record: 12,037 lbs milk with 405.4 lbs fat at 2 years.

5 Good Grade Cows—Horses—Implements

SALE AT FARM

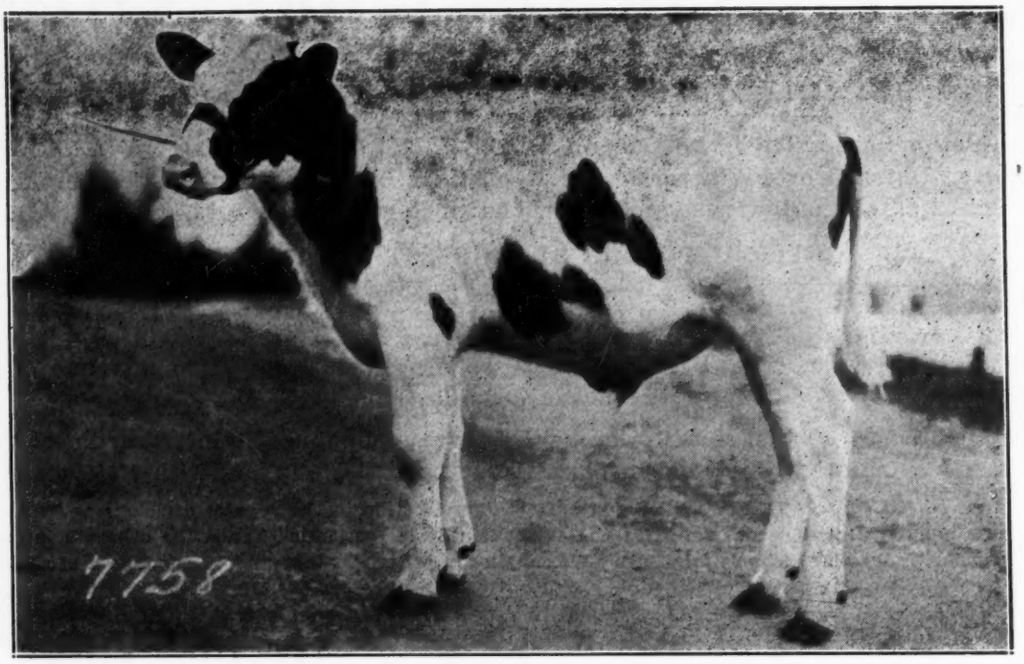
Farm is located 4 miles south and 1½ miles west of Rochester, Michigan. The sale will begin at 12:30 o'clock.

FOR CATALOG WRITE:

C. B. SMITH, Auctioneer, Pinconning, Mich.

3 BIG DAYS IN MICHIGAN

Here's a tire-saving opportunity for out-of-state buyers—plan to attend the State Sale at East Lansing, April 2, the Bancroft Dispersal at Swartz Creek April 4, and the Houghten Dispersal April 6. A grand offering of 220 head to choose from.



EAR TAG 7758
BORN SEPT. 27, 1941

A Snappy, Straight-Topped Son of Governor of Carnation

We offer this week a son of the "Governor" from a daughter of Sir Inka May that is from a daughter of North Star Joe Homestead.

His 6 nearest dams average 877.79 lbs. of fat from 22,096.5 lbs. of milk, and his paternal sister, Carnation Homestead Madcap, holds all world's records over all heifers of all breeds for butterfat.

We will gladly send you further details, but write us today.

Address
CARNATION MILK FARMS
153B Stuart Building
Seattle, Washington

Carnation Milk Farms

HOLSTEIN-FRIESIAN WORLD

VOL. XXXIX MARCH 28, 1942 NO. 7

Vitamin C—For Sterility in Farm Animals

By PAUL H. PHILLIPS, Wisconsin

BARRENESS in farm livestock is a baffling problem and a source of considerable loss to dairy and other livestock farmers. It is well known that bacterial infections and certain glandular disturbances cause failures in reproduction. We know, too, that proper nutrition is needed for animals to reproduce efficiently. This means, among other things, that the proper minerals and vitamins must be supplied if our farm animals are to grow, be healthy, and reproduce normally.

Recent experiments at the University of Wisconsin have focused attention upon the role played by ascorbic acid, or vitamin C, in the reproductive process. Until recently ascorbic acid was thought to be valuable only in the prevention of scurvy in man, monkey, and the guinea pig. All other species were thought to be able to get along without it as they make their own ascorbic acid.

Where and how the ascorbic acid is made in the body is not known. Experiments at the University of Wisconsion have shown that giving ascorbic acid for certain types of sterility brings about marked improvement in the reproductive abilities of some farm animals. This finding has been confirmed by the New York, Michigan, Ohio and other experiment stations. It has been shown to be effective in the slow breeding or sterile bull, the shy-breeding cows, the boar, the horse, and the jack.

Certain Feeds Assume New Importance

The proof that vitamin C is useful in discouraging barrenness gives new importance to certain common feeds—notably green grass, green and first quality alfalfa hay, grass silage and other feeds high in carotene.

These feeds are important because they furnish the raw material carotene, from which cattle get their vitamin A. When the vitamin A supply is plentiful in the cow or bull, they are able to make vitamin C faster than when the vitamin A supply is low. Thus adequate caroteen in the ration tends to increase the production of vitamin C. Vitamin A can be furnished directly for cows that have difficulty in converting carotene to vitamin A by feeding one teaspoonful of good grade shark liver oil daily.

Ascorbic acid is easily destroyed. It is attacked by the oxygen of the air and by sunlight, so care must be used to prevent undue exposure to light or air, especially after the vitamin is made up in solution. In the form of crystals or powder it is relatively stable if kept tightly stoppered in colored bottles.

It can be given by mouth to the single stomached animal, like hogs and horses, but it has to be injected underneath the skin to be effective in those with a paunch such as cattle and sheep. The reason for this, as shown by experiments at the Pennsylvania Experiment Station, is that certain bacteria of the paunch destroy the vitamin in a very short while. A the University of Wisconsin attempts to rejuvenate sterile bulls by feeding ascorbic acid were unsuccessful while injections under the skin were effective in nine out of every ten cases.

Drugging with Anesthetics not Recommended

A few drugs which ordinarily are used as anesthetics can be fed by mouth and cause an increase in the ascorbic acid content of the body. Chlorotone is one such drug which has been successfully used by the Michigan Experiment Station. However, the use of such drugs is somewhat dangerous for it may cause paralysis or even death if used in too large amounts. The use of such drugs therefore, should be left to the discretion of a veterinarian or used only under his suprvision.

The dose of ascorbic acid necessary to bring about a response is roughly two grams (about three-quarters of a level teaspoonful) per animal given twice per week. It requires at least one gram per 1,000 pounds of live weight and results are somewhat better at double that dose. While larger doses are not harmful they are not necessary and do add to the cost of the treatment.

Two Kinds of Sterility in Bulls Respond

The action of ascorbic acid in the bulls seems to be the stimulation of the production of active sperm. It also results in an increase in sexual activity of the bull, and in the cow a favorable reaction necessary for the early stages of pregnancy. From data now available, it appears that ascorbic acid acts in some way to stimulate or "pep up" the activity of the glands involved in reproduction. Two kinds of sterility in bulls have responded to ascorbic acid treatment: mature, heavily used bulls and young developing bulls just entering service.

While many other cases could be cited if the records were available a summary of a portion of the data collected at the Wisconsin Station is given.

Bulls

TYPE OF CASE	No. Treated	Percent Return'd to Service	No. Treated 2nd Time	Percent Return'd to Service
Mature heavily used bulls ..	28	97	8	86
Young developing bulls ...	13	100	1	100

In the cow the types of cases which respond to ascorbic acid treatment divide themselves into two main groups: (1) cows which come into heat regularly but fail to settle on repeated breeding; and (2) those which breed and apparently settle but come back into heat on the 41st-43rd or 61st-64th days. A portion of the data on such cases is here summarized:

Cows

	No. Cases	Average No. Times Bred	No. Settl'd After Treatment
Reguar heats, and not settled ..	53	5	51
Breeds, then skips 1, 2 or 3 heats	23	6	19
Cystic ovaries and flabby uterus	8	many	0

Defects in anatomy or the onset of old age cannot be corrected by the ascorbic acid treatment. Neither do the cystic ovary cases, nor irregular heat periods in the cow, respond to ascorbic acid. It has been claimed that ascorbic acid will induce heat periods in the cow which

has failed to come into heat. Proof is still too scarce to justify the claim.

Directions for Giving Ascorbic Acid

Ascorbic acid has been most frequently used in the crystalline form. It can be obtained from the veterinary supply houses through practicing veterinarians. If unable to get it locally write to your experiment station. It can be used directly as prescribed:

The crystalline ascorbic acid is dissolved in 0.9% salt solution, plain water, or a buffered solution composed of the contents of one capsule of buffer salts* dissolved in 50 cubic centimeters of distilled water. Regardless of the type of solvent used it should be freshly boiled. The method used at the University of Wisconsin is:

Dissolve two grams (¾ of a level teaspoonful) of crystalline ascorbic acid in 10 cc. (2 teaspoonfuls) freshly boiled buffer solution, water, or 0.9% salt solution. Use the dissolved ascorbic acid immediately. Do not store.

For bulls inject the freshly dissolved ascorbic acid solution underneath the skin in the region of the shoulder and neck twice per week and continue the injections for three to six weeks or until improvement occurs.

For cows inject two grams underneath the skin on the day of breeding. Continue the injections twice a week for three weeks after breeding.

Follow-up Treatments Most Satisfactory

Examination of the blood of some cows has shown that the vitamin C content rises sharply during the heat period while others fail to show this reaction. Many of the shy breeding cows do not develop this rise in blood vitamin C. Injections into the vein on the day of heat have been used to "spike up" the vitamin C of such cows. More than 25 cases have been treated with good results.

In these cases, on the day of heat and just before breeding, two grams of ascorbic acid were given underneath the skin and two grams in the jugular vein. The cow was then bred immediately. This type of treatment has been successful in 60 to 65% of the cases of cows which have been bred repeatedly and failed to settle. Frequently, where the doses given only on the day of breeding failed, follow-up injections under the skin, given twice a week for three weeks after breeding, have been successful. Threfore, it seems that better results can be obtained, under average conditions, with treatments on the day of breeding and continued for two or three weeks following.

*Buffer salts for semen preservation.

A SHY BREEDER RESPONDS TO TREATMENT

This cow had been in heat regularly every 21 days for 14 consecutive heat periods. She was bred naturally and artificially during ten of these heat periods. She was bred early and late in the period and from one to many times during each period without conception. After the injection of two grams of ascorbic acid into the veins and two grams under the skin on the 14th heat period, she was immediately bred and conceived from this service. A healthy calf resulted.

Delegate Nominations for 1942 Convention

493 Candidates from Which 120 Delegates Will Be Chosen

Delegates will be elected from this list of nominations to attend the Annual Convention of The Holstein-Friesian Association of America, June 3, 1942, Minneapolis, Minnesota.

ALABAMA (1 Delegate)
James A. Carpenter, New Hope.

ARIZONIA (1 Delegate)
Geo. R. Kay, Phoenix; Elizabeth Wilson Homrighausen, Phoenix; Hubert E. Geare, Phoenix.

ARKANSAS (1 Delegate)
C. C. Cole, Branch.

CALIFORNIA (2 Delegates)
George H. Sawyer, Waterford; Frank F. Pellissier, Whittier; Walter M. Decker, Turlock; G. G. Wenger, Modesto; Mark L. Borror, Springville; A. J. Quist, Fresno; Wesley G. Clark, Hanford.

COLORADO (1 Delegate)
Harry Tipton, Denver; L. M. Boston, Mt. Morrison.

CONNECTICUT (1 Delegate)
Mrs. W. S. Kellogg, Derby; Myron J. Hoxie, Windsor; Theodore S. Gold, West Cornwall.

DELAWARE (1 Delegate)
J. Harold Schabinger, Felton; Purnal F. Friedel, Viola; Earle M. Tull, Seaford; W. Levis Phipps, Wilmington.

DISTRICT OF COLUMBIA (1 Delegate)
Wm. B. McGrath, Washington.

FLORIDA (1 Delegate)
J. T. Christiansen, Miami.

GEORGIA (1 Delegate)
A. D. Wright, Gainesville; F. R. Edwards, Athens.

IDAHO (2 Delegates)
V. W. Carson, Gooding; Hans Sorensen, Pocatello; Charles Hager, Rupert; D. W. Blanksma, Nampa.

ILLINOIS (6 Delegates)
Duett McRobinson, Capron; R. A. Arnold, Antioch; Harry M. Phillips, Lena; George A. Fox, Sycamore; J. Howard Swanzey, Ridott; Willis H. Gardner, Solon Mills; Albert M. Wolf, St. Charles; Sam W. Buford, Oregon; John E. McQuaid, Mooseheart; Henry M. Ward, Sterling; W. W. Yapp, Urbana; Coleman G. Buford, Elizabeth; J. F. Greenwood; Springfield; Robert B. Howard, Dundee; Charles W. Wray, Grayslake; J. Albert Whitcomb, Adrian; Ralph Nelson, De Kalb; Clarence P. Walters, Genoa; John R. Logan, Seward; Leslie H. Geddes, Rockford; George A. Rapp, Naperville; John J. Cole, Amboy.

INDIANA (3 Delegates)
C. Ray Evans, Oxford; Virgil Robinson, Fowler; Ray L. Meeker, Muncie; Clark Wm. Dellinger, Jeffersonville; Jason E. Smith, Jeffersonville; Claude R. Newman, Culver; Simon P. Scherer, Martinsville; G. C. Arbogast, Selma; Don R. Ivey, Royal Center; John A. Newman, Culver.

IOWA (4 Delegates)
Orville L. Hamer, Waterloo; A. J. Hansen, Cedar Falls; Ernest M. Wright, Waterloo; Alfred M. Paper, Stockton; L. C. Lenth, Elkader; H. O. Larsen, Dike; H. J. Dane, Iowa City; M. M. Campbell, Newton; K. D. Hatch, Cherokee; H. F. Bothe, Ft. Dodge; V. K. Smith, Bettendorf; C. R. Doebel, Manly; Arthur Gerlach, St. Ansgar; A. T. Keil, Thompson; Gilbert Davisson, Mason City; C. B. Jensen, Sutherland; R. C. Brown, Paullina; J. H. Boehmler, Hampton; F. C. Barney, Chapin; Fred Pieplow, Aurora; Elmer M. Santman, Dysart; Carl E. Santman, Dysart; Folmer C. Hansen, Cedar Falls; A. C. Gingerich, Welman; Clarence Schrier, Indianola; Paul McElmeel, Greeley; Ralph Sargent, Strawberry Point.

KANSAS (2 Delegates)
Emil Menold, Sabetha; Harvey Bechtelheimer, Sabetha; G. R. Sewell, Sabetha; W. H. Mott, Herington; R. L. Evans, Hutchinson.

KENTUCKY (1 Delegate)
Hubert Conner, Burlington.

LOUISIANA (1 Delegate)
Gustave Spaht, Baton Rouge.

MAINE (1 Delegate)
Fred J. Nutter, Corrinna; Donald Corbett, Waterville; Donald C. Chandler, New Gloucester.

MARYLAND (2 Delegates)
Maurice S. Ahalt, Middletown; Olin S. Davis, Golts; Howard S. Leaverton, Rock Hall; John M. Dennis, Jr., Riderwood; Cecil K. Holter, Jefferson; Ira D. Ifert, Middletown; Wm. I. King, Gaithersburg; Paul B. Misner, Catonsville; J. Natwick, Ellicott City; Harry O. Norris, Annapolis; Frank G. Remsberg, Middletown; A. G. Ensor, Forest Hill; A. O. Sorflaten, Sykesville; Stanley B. Sutton, Chestertown; McKendree Walker, Gaithersburg; M. L. Dade, Jefferson; Chas. Werthelmer, Frederick; Lewis E. Hull, Westminister; J. Frank Lupo, Sparks; Norris J. Reynolds, Rising Sun; Albert N. McCardell, Frederick; M. D. Nicodemus, Union Bridge; Carlton D. Fleming, Keymar; Roy Grossnickle, Union Bridge.

MASSACHUSETTS (2 Delegates)
John J. Bridgeman, Auburn; J. G. Cook, Amherst; George F. Smith, Barre; R. Walter Hurlbut, Ashley Falls; F. U. Wells, Whately; E. P. West, South Hadley; Hugh M. Bridgman, Northampton; Charles G. Loud, Northampton; Fred B. Dole, Shelburne Falls; Osborne C. West, Hadley; E. A. Montague, Amherst; John Tuck, Auburn; John G. Ellis, Lee.

MICHIGAN (5 Delegates)
William C. Schoof, Washington; James G. Hays, East Lansing; G. W. Foster, Fostoria; Morris C. Place, Rochester; Burr Allen, Fowlerville; John A. Rinke, Warren; Sarah Van Hoosen Jones, Rochester; John C. Buth, Grand Rapids; Arthur L. Jones, Three Rivers; Herbert Miller, Ionia; Jay B. Tooley, Howell; Fred W. Tullis, Monroe; Frank B.

(Continued on page 23)

A study of the effect of age on the

Breeding Efficiency of Bulls

By G. A. Bowling and D. N. Putnam, West Virginia University

IT isn't always that an Experiment Station already has an answer for a pressing problem that confronts a large group of farmers or breeders. We believe, however, that the Dairy Department of the West Virginia Experiment Station has a rather definite answer to the problem which was discussed in the Herdsmen's Corner XXI in the December 6, 1941 issue of the **Holstein-Friesian World.** We have read with a great deal of interest the discussion on the subject by the members of the **Holstein-Friesian World** Advisory Committee and we believe that in view of the data assembled from our herd records that John Last of Milford Meadow Farm and Howard Clapp of Pabst Farms have just about hit the nail on the head when they state that a bull should settle at least 50% of his services.

Twenty years ago when the West Virginia Agricultural Experiment Station started the practice of using proven bulls in its dairy herd, this problem confronted the staff of the Dairy Department. At that time it was decided to have as one of the more important features of a breeding guarantee the requirement that an aged bull should settle at least 50% of his services during the first twelve months. During this period of almost twenty years the Experiment Station has purchased 24 aged bulls and in practically every case this guarantee has been asked by the Experiment Station and agreed to by the seller. It is quite interesting to note that during this entire period there has never been a case where we had to ask the seller to make good on his guarantee.

Three years ago we decided to assemble and analyze the breeding data which have been collected in our dairy herd with the hope of getting a better picture of age as a factor influencing breeding efficiency in a dairy herd. This study was prompted especially by the apparent fact that when virgin heifers were bred to aged bulls the breeding efficiency seemed to be considerably lower than in the case of females that were being bred for the second or following conceptions. This study included 706 females and 43 bulls of the Ayrshire, Holstein, Jersey and Guernsey breeds. The arrangement of the total number of females according to breeding and conception is shown in Table I.

TABLE I
Arrangement of total number of females according to breed and conception

Conception	BREED OF CATTLE Ayrshire	Holstein	Jersey and Guernsey	Total
First	420	131	80	631
Second	322	106	69	497
Third	205	71	48	324
Fourth	123	45	32	200
Fifth and Sixth	106	38	26	170

The females were classified according to conception rather than actual age. It was considered advisable to classify them on the basis of conception since the conception seemed to be more important than the actual age of the female in this study.

Table II is a summary of the results of using bulls of all ages on females of all ages. This table shows the average number of services per conception.

TABLE II
Average number of services per conception using bulls of various ages on females of all ages (conceptions)

	Conception 1st	2nd	3rd	4th	5th-6th	Total
Number of Females	631	497	324	200	170	
Number of Services	1,601	894	572	354	289	3,170
Number of Conceptions	631	497	324	200	170	1,822
Services per Conception	2.79	1.86	1.79	1.82	1.80	2.02

Where no consideration was given either to the age of the bull or to the age of the female to which he was mated, the heifers that were bred for first calving required a larger number of services per conception than did the females of any other group. After the first conception, however, the number of services per conception did not vary to a marked degree.

When the data are divided to shew the influence of the age of both the females and the bulls a more detailed picture of the results can be seen. This material is presented in Table III. It is apparent that the age of the bull has a significant effect upon the number of services per conception in the case of heifers. Bulls under four years of age when bred to heifers showed a greater efficiency than bulls of any other age. In the case of the females bred for the sceond conception there was also a small but significant difference in favor of the bulls under four years of age. Beyond the second conception there was no significant effect of the age of the bull.

TABLE III
Effect of age of bulls upon services per conception with females of different ages (conceptions)

Age of bulls	Conception 1st	2nd	3rd	4th	5th-6th	Mean
1- 2 years	1.49	1.58	1.38	1.72	1.33	1.50
2- 3 "	1.62	1.45	1.76	1.57	1.76	1.63
3- 4 "	1.53	1.45	1.51	2.00	1.77	1.65
4- 5 "	1.97	1.58	1.46	1.58	1.22	1.56
5- 6 "	1.79	2.09	1.42	1.73	1.92	1.79
6- 7 "	2.23	2.04	2.00	1.53	1.57	1.87
7- 8 "	2.42	1.82	1.93	2.08	2.00	2.05
8- 9 "	3.56	1.61	1.41	1.84	1.81	2.04
9-10 "	3.50	1.72	1.96	1.72	1.20	2.02
10-11 "	4.06	2.06	1.60	1.25	1.53	2.10
11-12 "	3.27	1.88	1.77	3.00	2.00	2.38
12-13 "	2.00	1.52	1.83	1.25	1.20	1.56
13-14 "	2.97	2.52	2.52	2.25	3.14	2.68
14-15 "	5.50	2.17	1.68	1.76	2.66	2.76
15-16 "	3.90	2.30	2.58	2.00	1.80	2.57
Mean	2.79	1.85	1.79	1.82	1.79	

In the case of cows of all ages bred to bulls under four years of age there is not a marked difference in the number of services per conception, except in the case of uncalved heifers. In all but three of the eleven age intervals for bulls above four years, however, a larger number of services per conception was required in the case of first conceptions than for any other.

Table III shows the effect of the age of bulls upon services per conception with females of different ages and has an especial bearing on the question discussed in the Herdsmen's Corner. In studying this Table, it will be noted that the first column, which shows the number of services required for the first conception when bred to bulls of all ages, shows a mean of 2.79 services per conception. For all of the following conceptions, however, there is no case where a mean of over 1.85 services per conception has been required. In addition to the fact that a larger number of services are required for conception in the case of virgin females when bred to aged bulls than when bred to younger bulls there is the economic factor involved which is of primary consideration. We have found it is much easier to settle virgin heifers if they are bred to younger bulls and in most of the herd management programs this practice should prove to be a very good one since one would be able to plan with a greater degree of exactness just when the heifers will be coming into production for the first time. For the last four years we have made it a practice to breed all of our heifers to young bulls. By so doing we have reduced the number of services required per conception, and we have been able to maintain a more level of total production. If it is accepted that our practice of breeding heifers to younger bulls is a sound one, then the requirement that an aged bull should settle 50% of his services the first year when moved from one herd to another should not be a burdensome guarantee. This statement, however, must be qualified by the additional requirement that there be absolute fairness and honesty on the part of both the buyer and seller in making known actual breeding conditions existing among the females in the herds of both the buyer and the seller. It may be that we have been exceedingly fortunate in the class of people from which we have made purchases. However, on the basis of our dealings we assume that the great majority of people who have aged

(Continued on page 36)

Signs of the Times

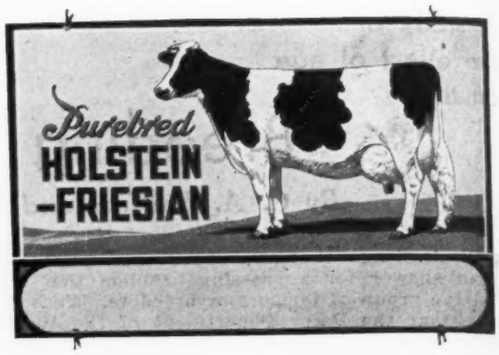
By ARLAND R. MEADE

INTRODUCING ARLAND R. MEADE

Now starting his third year in charge of Publicity with the Extension Service, Holstein-Friesian Association of America.

Born on a Maine farm, he worked his way through University of Maine, graduating with "High Distinction" in 1938. A Dairy Husbandry major, he was winner of two University scholarships and three from the H. P. Hood Co. Fund. A fellowship for graduate work was awarded and 1½ years additional study taken at University of Connecticut. From this work he came directly to his present position with the Association.

(Photo by G. Fox & Co., Hartford, Conn.)



THE NATIONAL ASSOCIATON SIGN

A three-color, all-metal sign, supplied to Holstein breeders at wholesale price by the National Association. A metal bracket for hanging is included.

THERE'S nothing new about the slogan "It pays to advertise." The evidence indicates that the slogan is an accurate one, but I wonder whether we all realize that no Holstein breeding establishment is too small or the owner too poor to advertise.

I don't, of course, think of the familiar large-scale advertising campaigns of big commercial companies when I say that all Holstein breeders can advertise. Many of these will find newspaper advertisements—in the breed paper or otherwise—profitable investment. There are other ways, too, and the one I want to call to your attention is the 365-days-per-year advertising possible with farm roadside signs.

Can you, personally, visualize a breeder of registered Holsteins who could not build or arrange to have built an attractive farm roadside sign? Sure I know you are busy, darned busy (I used to milk Holsteins every morning too) but for a moment would you consider this experience of mine, and compare it with yours?

As I travel about this great nation of ours I see now and then a Holstein farm sign. I wish I could use other words in place of "now and then," but at any rate one of these signs looks like a letter from home to me. For before I stop I already know something about this breeder: I know that he is doing his share of producing nature's best food, and doing it with the most efficient dairy breed in the world. Furthermore, he's telling America that he's proud of his contribution—and by gum he should be!

And he's serving in another way too—he is notifying the millions that pass his door (he meaning all the he's) that Holstein breeders are an up-and-coming lot, that they are proud to tell the world of the job they are doing—and that goes a long way in impressing upon the public mind, that the Holstein is the breed to tie up with. Young people are especially impressed, and it's mighty essential to get these alert future dairymen building their future with the Holstein breed.

Then there's the business angle. We don't want to be selfish in our business outlook but can there be anything but good for all coming from the increased interest in Holsteins developed by "seeing by the signs" that "Holsteins Are the Farmers' Choice?" Whether you are a large-scale or a small-scale breeder, if you are breeding registered Holsteins you have better cows than most of the surrounding farmers you can think of—now haven't you?

Sometime during this coming year you are going to veal or knock in the head a bull calf and say, "Hate like the devil to do this; that calf would do someone a world of good." With an attractive roadside farm sign adding distinction to your herd as contrasted to hundreds of surrounding ones, you can have a prospect waiting for "that good bull calf," a prospect who dropped in one day to see your cows because he saw your sign, took a fancy to "Old Bess" there and said, "I'd sure like a bull calf from that cow; will you phone me if she drops a bull?" Isn't this right It's what breeders in several states have told me.

Your Association, The Holstein-Friesian Association of America, has developed a beautiful four-colored illustrated farm sign which is available to breeders at the lowest price the Association can obtain for you from the manufacturer. They are mighty fine signs all right but so are some of the original ones some Holsteiners have made. (I'm a so-called "Down-East Yankee" so I appreciate such examples of ingenuity; examples are not exclusive with the old-time Yankee of course.) Pictures of original signs are shown on this page. If you know of other good ones, I'd be personally happy to see pictures of them, and perhaps would find an idea worth passing along.

Now more words could be put into this message, but we'd all rather see more signs. Next time I join the many passing your door I'll be looking for your "sign of the times."

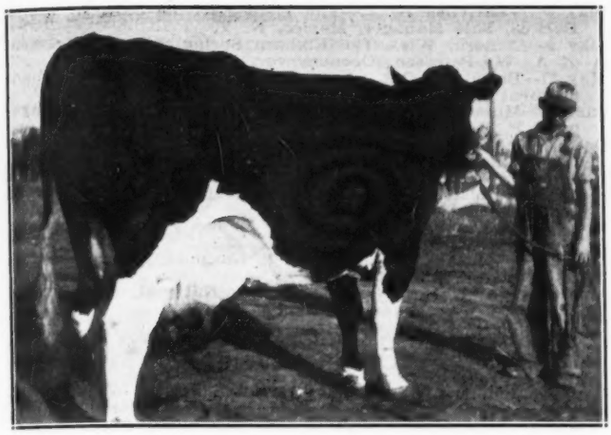
On the 6,096,799 farms of the United States there are 4,144,136 automobiles, according to the 1940 Census. Percentage of farms having cars was 58.1, compared with 58 per cent ten years earlier. The average model was 1933.

IN PENNSYLVANIA

IT'S A SHEET METAL CAT

IN IDAHO

A Page of 100,000-Lb. Cows

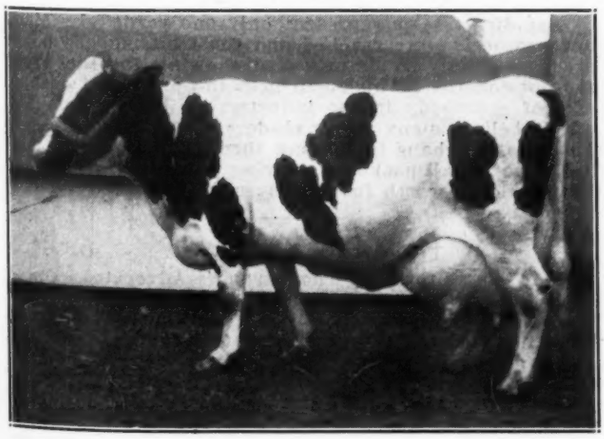


LADY ORMSBY DE KOL BESS BURKE 1452820
Now nearly 12 years old, she has produced 107,771 lbs milk, 3,945 lbs fat (2X). Still going strong. A successful brood cow. Daryl Bechtelheimer, Collins Farm, owner, Sabetha, Kansas.

LEAFY LAWN ORMSBY QUEEN 1750233 (Ex.)
Now producing in her sixth lactation, she has a life total of 100,228 lbs milk, 3,346.8 lbs fat (HIR). A daughter of Carnation Ormsby Governor, bred and owned by B. Morrison & Son, Rensselaer Falls, N. Y.

QUEEN JULIANA ACE 1606289
In 8 lactations she has produced 121,640 lbs milk, 4,867.4 lbs fat. Weighs 1,900 lbs. A daughter of Juliana Vickery Vale (see photo). Bred and owned by John D. Hetts, Ft. Atkinson, Wis.

MARY VALDESSA KORNDYKE 933972
Born July 29, 1923, still living and carrying her 16th calf. In 4,929 days in DHIA, she has produced 150,914 lbs milk, 4,972 lbs fat. She has six record daughters and 35 direct descendants in the herd. Hidden Gold Dairy, Sisters of Providence, St. Mary-of-the-woods, Indiana.



LEAFY LAWN ORMSBY DUPLICATE 1750232 (GP)
First daughter of Carnation Ormsby Governor to cross the 100,000-lb mark. Born Dec. 25, 1933, her credits to date are 103,111 lbs milk, 3,578.7 lbs fat. Bred and owned by B. Morrison & Son, Rensselaer Falls, N. Y.

JULIANA VICKERY VALE 1606288
In 10 lactation periods she has produced 155,263.4 lbs milk, 5,459.2 lbs fat. Weighs 1,900 lbs. Has a 100,000-lb daughter. Bred and owned by John D. Hetts, Ft. Atkinson, Wis.

HOLSTEIN-FRIESIAN WORLD

Established 1904
Holstein-Friesian Register ..... Est. 1886
Black and White Record ..... Est. 1916

Published at Lacona, New York, Every Other Saturday
by Holstein-Friesian World, Inc.
M. S. PRESCOTT, Editor
WM. A. PRESCOTT, Associate Editor
WM. THEODORE PRESCOTT, Assistant Editor

Subscription price for the United States $1.50 per year; Canada, $2.00 per year; in advance. Foreign subscriptions $2.50 a year.

The figures following the address on the wrapper of each paper indicate the month and the year to which the subscription is paid and answer the purpose of a receipt. All subscriptions are discontinued promptly upon expiration.

Advertising rates upon application.

News and advertising forms close ten days in advance of publication dates.

March 28, 1942

Future Publication Dates April 11, 25, May 9, 23

Officers and Fieldmen

The Holstein-Friesian Association of America

President ..... A. C. Oosterhuis, Oconomowoc, Wis.
Vice President ..... T. E. Elder, Alton, N. H.
Secretary ..... H. W. Norton, Jr. Brattleboro, Vt.
Director of Extension .. Glen M. Householder, Brattleboro, Vt.

National Fieldmen

Allen N. Crissey, 360 Worthington St., Springfield, Mass.
E. M. Clark, 221 E. Lincoln Avenue, Wheaton, Ill.
Robert Geiger, 5400 Park Ave., Minneapolis, Minn.
Elmer A. Dawdy, Salina, Kansas
Ivan H. Loughary, 301 Corbett Bldg., Portland, Ore.

Full-Time State Fieldmen

W. D. Brown, New York H-F Ass'n., Ithaca, N. Y.
I. D. Hadley, Ohio H-F Ass'n., Wooster, Ohio.
Clarence Lyons,, Pa. Fed. of H-F Clubs, Strasburg, Pa.

Board of Directors

(Terms Expire 1942)
D. W. McLaury, Portlandville, N. Y.
M. D. Buth, Comstock Park, Mich.
A. B. Craig, Sewickley, Pa.
A. J. Lashbrook, Northfield, Minn.

(Terms Expire 1943)
Paul P. Stewart, Maynard, Iowa
Harry M. Wood, Delevan, Ill.
H. O. Frederick, Ashtabula, Ohio
H. F. Schroeder, West Bend, Wis.

(Terms Expire 1944)
Owen D. Young, Van Hornesville, N. Y.
Grover G. Meyer, Basehor, Kans.
P. P. Van Nuys, Belle Mead, N. J.
S. B. Hall, Troutdale, Ore.

(Terms Expire 1945)
J. Homer Remsberg, Middletown, Md.
L. T. Winger, Trinidad, Colo.
H. J. Shaw, Sanford, Maine
John Wuethrich, Greenwood, Wis.

Sale Calendar

March 28—Bliss, N. Y.—Brownco Dispersal, R. Austin Backus, Sale Manager, Mexico, N. Y.
March 30—Waukesha, Wis.—The 28th Anniversary Sale, Baird & Darcey, Sale Managers, Waukesha and Watertown, Wis.
March 31—Watertown, Wis.—The 28th Anniversary Sale, Baird & Darcey, Sale Managers, Waukesha and Watertown, Wis.
April 1—Cincinnatus, N. Y.—Fox Bros. Dispersal Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.
April 2—E. Lansing, Mich.—Michigan State Holstein-Friesian Ass'n. Annual Spring Sale, Hugh G. Aldrich, Sale Manager.
April 4—Swartz Creek, Mich.—(Near Flint) Dispersal Glenn H. Bancroft Herd.
April 6—Rochester, Mich.—Lester Houghton Dispersal, C. B. Smith, Manager, Pinconning, Mich.
April 8—Earlville, N. Y.—The 142nd Earlville Sale, R. Austin Backus, Sale Manager, Mexico, N. Y.
April 10—Near Canton, Ohio—John Martig Herd Dispersal, management Ohio Holstein-Friesian Ass'n., 152 W. Liberty St., Wooster, Ohio.
April 11—Maple, Ont.—Dispersal of the milking herd of R. S. Mackinnon.
April 15—Newton, Ill.—Daniel Kocher Dispersal.
April 20-21—Coraopolis, Pa.—Bell Farm Dispersal. A. W. Petersen, Sale Manager, Oconomowoc, Wis.
April 28—Phoenix, N. Y.—Dispersal Oswego River Stock Farms Herd, management R. Austin Backus, Mexico, N. Y. (sale of farm machinery, horses, 7 mules, April 27.)
May 1—Troy, Pa.—Geo. & Mark Scott Dispersal, R. Austin Backus, Mexico, N. Y., Manager.
May 2—Newville, Pa. (Cumberland Co.)—J. D. McCulloch Dispersal Sale, J. Paul Shughart, Mgr., Allen, Pa.
May 6-7—Wooster, Ohio—Annual Ohio State Sale, Ohio Holstein-Friesian Ass'n., Wooster, Ohio, Mgr.
May 6-7—Earlville, N. Y.—The 143rd Earlville Sale, R. Austin Backus, Sale Manager, Mexico, N. Y.
May 9—Elkhorn, Wis.—The Elkhorn Spring Sale, management of A. W. Petersen, Oconomowoc, Wis.
May 27—Brampton, Ont.—Annual Canadian National Sale, management R. M. Holtby, Port Perry, Ont.
June 4—Minneapolis, Minn.—Royal Brentwood Sale, management P. B. Misner, Catonsville, Md.
Oct. 5—Indianapolis, Ind.—Annual Indiana Holstein-Friesian Ass'n Sale, F. A. Best, Sec'y., Pendleton, Ind.
Nov. 5—Crown Point, Ind.—(Lake County Fairgrounds) Lake County Holstein Breeders Consignment Sale, John H. Smith, Sec'y.
Nov. 9—Waukesha, Wis., The Blue Ribbon Sale, Management, W. L. Baird & Francis Darcey.
Nov. 10—Waukesha, Wis.—The U. S. National, Management W. L. Baird & Francis Darcey.
Nov. 11—Watertown, Wis.—The U. S. National, Management W. L. Baird & Francis Darcey.

Coming Events

May 7—Richmond, Utah—27th Annual Black & White Show.
June 3—Minneapolis, Minn.—57th Annual Convention Holstein-Friesian Association of America (Hotel Curtis, headquarters)
Sept. 20-26—Springfield, Mass.—Eastern States Exposition.
Sept. 28-Oct. 4—Waterloo, Iowa, 33d Annual Dairy Cattle Congress, E. S. Estel, Mgr.
Oct. 10-17—Memphis, Tenn.—National Dairy Show.

Delegate Election

ELSEWHERE in this issue, we present the list of nominations from which delegates to the 57th annual convention of the Holstein-Friesian Association will be elected. Separate ballots are made up for each of the 49 districts and members from each district will choose their own delegate representatives. The voting period extends to April 24.

The number of nominations is down somewhat from last year's record breaking figure, but is a representative group and every state and the District of Columbia is included.

Every member of the Holstein-Friesian Ass'n. of America, whether active or inactive, is entitled to vote in this election. Full directions will be found on each ballot.

Not since 1920 has the Annual Convention been held in Minnesota. Minneapolis will be host this time, and while it is not expected that all features of the 1920 convention and sale will be duplicated, a worthwhile wartime substitute may be definitely forecast.

How Do You Like It?

WE have had a very pleasing number of letters from readers in praise of the 1942 Bull Bargain Issue. We hope that all of our readers may have found it interesting and helpful.

One measure of the success of the effort—and it represented a lot of it from a lot of people — will be in the number of bulls sold directly from the advertising. We hope it may be considerable. Reports are already trickling in. We invite more of them.

But direct sales represent only one yardstick. Many new prospects were reached and the fruit may be borne later. Certainly an impresssive showing for the breed was put together, which will help the pride and enthusiasm of everybody in the industry.

We believe many of our readers will want to preserve the issue. Perhaps in looking through further you will find some "small package" offering previously overlooked that would be worth further investigation.

How Did We Do It?

(An editorial in The Farmer's Advocate)

IN spite of a serious labour shortage and extreme drought conditions in Ontario and Quebec, Canadian farmers increased their output tremendously in 1941, and in the effort some plans and practices must have been established that will prove useful in 1942.

In 1941, milk production was increased a billion pounds over that of 1940; cattle marketings were larger by 125,000 head; fifteen million dozen eggs were exported to Britian as compared with ten million in 1940, and one million in 1939; sheep and lamb marketings were slightly higher than in the previous year, and we produced twice as many hogs as during any year in the

last war, meanwhile getting ourselves into position to export the amazing total of 600 million pounds in 1942.

Naturally, results are cumulative. The good record of 1941 was, to a large extent, the fruiting of previous efforts made by farmers who knew that demands for increased production would inevitably come. Nevertheless when such huge production figures are achieved by fewer men and on less acreage there is a lesson (or a series of lessons) hidden away somewhere in the production programme that piled up such a huge volume of food and fibre.

If the 1941 production effort is ever analyzed it will be shown, no doubt, that more expert planning, better farm management, more systematic use of efficient farm machinery, good seed, scientific use of commercial fertilizers and more liberal feeding of live stock all contributed to the pleasing results obtained. It now remains for us to improve still further on the methods found advantageous in 1941 and to put into effect such practices and plans as will enable us to do our best in 1942, even if the new methods cut across the customs and traditions to which we have long been tied.

Perhaps there should be inspiration for U. S. farmers in this remarkable showing.

Jersey Splash

THE March 21 Saturday Evening Post carries a full page display by the American Jersey Cattle Club, announcing 1,000 gift Jersey bulls to be made available to selected owners of grade herds. The same announcement, we understand, is also scheduled to appear in Country Gentleman, Successful Farming and a long list of other widely circulated farm papers. Some of the text is a little lurid in its claims for the Jersey breed, but the idea is a dashing attack which we admire. The effort serves definite notice on the other breeds to be on their toes in promotional effort.

Guernsey Case to Appelate Court

WE are informed that the New York State Guernsey Breeders' Cooperative, Inc., has gone to court again to challenge the findings of Commissioner Noyes, and his decision not to allow them a special breed price differential in markets operating under a State Milk Market Order (Buffalo and Rochester). Our understanding is that the case will go directly to the Appellate Division, from which the next step is to the Court of Appeals, highest in the State. It is expected to come up not later than the May term.

Regardless of the final outcome, Guernsey breeders who are really interested in the progress and promotion of their breed are not too happy over the course this litigation has taken, with the principal argument finally boiling down to the self-proclaimed tremendously higher costs of milk production in herds of Guernsey cows.

New Method of Paying for Milk

A NEW method of paying producers for both fat and the solids-not-fat in milk has been developed by R. K. Froker and C. M. Hardin of the College of Agriculture, University of Wisconsin. The new plan is applicable for use in all types of dairy plants and operations, including cheese factories, creameries, condenseries, and fluid milk markets. The plan with numerous examples is described in a new bulletin "Paying Producers for Fat and Solids-Not-Fat in Milk" which has just been released by the College of Agriculture in Madison.

This bulletin represents the most complete method of purchasing milk that has so far been proposed. It takes into account virtually all of the constituents of milk that have economic value, and also recognizes differences in processing costs as well as variations in prices received for the different products made from the milk.

It is shown in the bulletin that milk testing 3% fat normally has nearly an extra pound of solids-not-fat for each pound of fat above that of 5% milk. The new pricing plan takes this factor into account.

How to pay for fat and solids-not-fat in milk has long been a problem in the dairy industry. The problem has grown in importance in recent months. Large purchases of cheese, evaporated milk, and skimmilk powder have been made by the Federal government, without a corresponding increase in demand for butter. The fact, however, that the domestic market for skimmilk powder, buttermilk powder, and casein has increased rapidly in recent years, together with a growing realization by the public that solids-not-fat in milk have a high nutritive value, emphasizes the importance of this pricing problem.

All payment plans developed in the new bulletin follow the general pattern of pricing milk on a hundredweight basis with adjustments in this price for variation in the fat and solids-not-fat content of the milk among individual patrons. This means that in Wisconsin the price will be quoted in terms of a hundredweight of milk testing 3.5% fat with adjustments as the fat and solids-not-fat vary from this standard. Other markets might well give this matter serious study.

The Cover

ONE of the greatest records ever made, all conditions considered, is the performance of Carnation Homestead Inka Mutual, reported in this issue. Her record of 1,248.2 lbs fat, 32,470.4 lbs milk, 3.8%, now announced, ranks ninth for fat production in the U. S. This performance stands out even more, however, when it is remembered that she travelled some 6,000 miles on the show circuit during the progress of the record, being on the circuit nearly three months. She was grand champion at the first three starts — Wisconsin, Michigan and Kentucky State Fairs. The heat and the long distance travel, coupled with her great size and heavy production threw her off form somewhat at Waterloo and the National, but she placed inside the money at both of these strong shows. A performance of this size under these conditions is an unheard of achievement. No cow of our breed or to the best of our knowledge, of any breed, with a 1,200-lb fat record has ever been grand champion at a major show at any stage of her career. It is probably safe to say that when she freshens right again, she will not have the handicap of a 6,000-mile trip and then perhaps we shall have more history to write for Carnation Homestead Inka Mutual.

The pedigree of this great cow is especially interesting. She is the seventh 1,000-lb fat daughter of Governor of Carnation, and his second to exceed 1,200 lbs fat. He is well known as a senior herd sire at Carnation, a son of North Star Joe Homestead from the 1,149-lb daughter of Sir Inka May and Carnation Walker Hazelwood (1,198 lbs). Mutual's dam, Carnation Inka Mutual De Kol, has a record of 979 lbs fat, 25,977 lbs milk, 3.8%, she being by Sir Inka May and from Carnation Mutual De Kol, a 754-lb daughter of Matador Segis Walker. The next dam, Inka Princess Mutual De Kol 2d, was one of the original Carnation foundations, and made the first "1,000-lb" (800 lbs fat) record completed at Carnation. Her figures were 870.1 lbs fat, 27,911 lbs milk. She was by Ollie Johanna Sir Fayne (maternal

This Week and Next

March 30-31—At Waukesha & Watertown, Wis., 28th Anniversary Sale, management Baird & Darcey. See display ads in previous issues.

April 1—At Cincinnatus, N. Y., Dispersal of Fox Bros. Herd, management of R. Austin Backus. See announcement this issue.

April 2—At E. Lansing, Mich., Annual Spring Sale of Michigan Holstein-Friesian Ass'n. See display ad March 14 issue.

April 4—At Swartz Creek, Mich., Dispersal Bancroft Acres. (See ads this and previous issues.)

April 6—At Rochester, Mich., Dispersal of Lester Houghton herd, management of C. B. Smith. See display ad this issue.

April 8—At Earlville, N. Y., the 142d Earlville Sale, management of R. Austin Backus. See display ad this issue.

April 10—Near Canton, Ohio, dispersal of a herd owned by John Martig, management Ohio Holstein-Friesian Ass'n. See adv.

April 11—At Maple, Ont., (near Toronto), Dispersal milking herd of R. S. Mackinnon. See display ad this issue.

brother to the National Grand Champion, Oak De Kol Ollie Homestead and Iowana Sir Ollie) and out of Inka Princess Mutual De Kol. The last mentioned had a 7-day record of 33.25 lbs butter, 711 lbs milk, and was the highest record daughter of De Kol 2d's Mutual Paul, youngest son of De Kol 2d herself. The next dam was Tehee De Kol, 24-lb daughter of Paul Beets De Kol, out of Aaggie Tehee 3d, great transmitting daughter of Inka Princess Pietertje Netherland. These names will call up plenty of memories to our older breeders. Carnation Trixie, the Imperial daughter that was All-American junior yearling in 1940, comes of the same family line.

N. F. Bullen

N. F. BULLEN, Richmond, Utah, died of a heart attack on March 8. Mr. Bullen was one of Utah's well known Holstein breeders. He was greatly interested in the Richmond Black and White Show, pioneer in this field, being one of its original directors, and served for many years as chairman of the committee. His son-in-law, George Anderson, has a fine herd of Holsteins at Richmond, one of the CTA leaders of that State.

Edward Heinaman

NEW York State lost one of its great farmers with the death on February 26 of Edward Heinaman, Bath. Mr. Heinaman, 84 years of age, devoted his entire life to agriculture and was widely recognized for the contribution which he made to it.

Percy McFarland

Percy McFarland

PERCY McFarland, Nampa, Idaho, died March 15, eight days after he was injured by his bull. The bull mashed him against a fence and punctured a lung. Mr. McFarland was developing one of the good herds of his state at Bonnie Brae Farm, and will be particularly missed in the affairs of the state association, of which he was an active and enthusiastic supporter. He is survived by a son and two daughters.

Frank C. Soule, former president of Merrill-Soule Company, Syracuse, N. Y., and whose Vanderkamp herd of Holsteins was nationally known, died March 14 at his winter home in Florida. He was a pioneer in the field of dried milk manufacture.

Dr. John C. Sharpe, retired head master of Blair Academy, Blairstown, N. J., and prominent as a Holstein breeder in an earlier day, died recently. Dr. Sharpe was in his eighties.

The Round Table

Where WORLD readers are invited to discuss the problems of the Holstein industry.

The WORLD assumes no responsibility for the views of its correspondents in this department.

THANKS, CHIEF

Editor, Holstein-Friesian World:

Have just read the second BULL BARGAIN ISSUE of Holstein-Friesian World "from cover to cover." A real contribution to the development of dairy cattle, regardless of breed. A real inspiration to every dairyman to do just a little better job. A fine editorial support for the advertisers. Congratulate your staff, for the boss alone never could have done as good a job as that represented in the second BULL BARGAIN ISSUE. The Extension office here wishes to thank each of you personally for your fine spirit of cooperation. May we have many Bull Bargain Issues of Holstein-Friesian World, but none better than the 1942 offering.

Glen M. Householder,
Director Extension Service.

VIEWS OF WORLD READERS WANTED

What Should be done with the Agricultural Adjustment program in 1943?

This is a highly important question upon which farm people everywhere should be doing some hard thinking—and doing it soon, for the government fellows are already at work on it. Congress is even now beginning to pass legislation that affects next year's Adjustment program. The administrators in federal, regional and state offices are already pushing their pencils around making plans for next year's crop.

The goals that have been set for this year's agricultural output average 6 per cent more than the 1941 output. It won't be easy to reach these. But 1943 is going to see the need for amounts so much larger than this 6 per cent that one's heart almost stands still to think of it. Can our agriculture do it? How?

We must not let the government folks do all the figuring on this. There are more good ideas on a question of this kind outside the government than in it.

In fact, it is not even safe to let the government folks do all the figuring about it. They're just human beings and can not keep from thinking too much in terms of just more of what they are now doing. It's their job.

For some twenty years now, nearly all of the time as an outsider, I have been trying to understand agriculture's problems and help work out ways of meeting them. Some of you know that I had a bit to do with developing the present Adjustment program. I am much concerned whether it should be continued next year, and while the war lasts, just as it is now? or wether it should be changed? and if so, how?

What I would like is that some of you who read this letter would write me rather soon your ideas as to how the present AAA and production goal program is working out in your area? and whether continuing it as it is will give us the increased output we need in 1943? or whether some changes should be made? and what these should be? Should any of the restrictions in the present program be removed? In fact, should there be any restrictions at all? If so, which ones should be retained?

I know about the shortages of labor in some sections already. It will be worse in 1943. What ideas have you about meeting this problem?

Is lack of credit going to hold anybody back?

I don't promise to answer fully and individually all the replies which I receive to this request. But I shall study them all carefully and make very good use of what is in them. They will be treated confidentially — none of them published, at least without your permission.

John D. Black,
Professor of Economics
Harvard University.

NEW STATE LEADERS IN A. R. REPORT NO. 11
Yearly Division

California

		Milk	%	Fat
Kanowa Rosa Man-O-War 2125339	C4-11-0	16510.2	4.0	662.3
Decker Brothers, Turlock, Calif. (C.C. 211d)				

Idaho

Sleepy Hollow Joy Inka Governor 1802765	C5-10-4	16335.9	3.8	614.4
Fred Eggers, Meridian, Idaho (C.C. 191d)				
Hart Beauty Royal 2150429	C4-0-16	16376.0	3.6	595.9
Fred Eggers, Meridian, Idaho (C.C. 258d)				
Sleepy Hollow Jean Governor Esther 1930181	C3-4-14	15951.4	3.6	581.8
Fred Eggers, Meridian, Idaho (C.C. 237d)				

Michigan

Marquette Marathon Burke 1960865	B4-6-20	24274.1	3.5	859.5
House of Correction & Prison, Marquette, Mich. (C.C. 245d)				

Nebraska

N P Becky Karen 1924075	C3-5-9	19553.9	3.5	691.8
University of Nebraska, North Platte, Neb. (C.C. 188d)				

North Dakota

Plains Lady Gerben Dorothy 1965756	B3-3-17	17447.2	3.9	683.4
U. S. Dairy Station, Mandan, N. Dak. (C.C. -d)				
(Also first in state regardless of age in Classification B)				

Tennessee

U T Hero May 1959117	B2-10-19	18814.8	3.9	726.3
University of Tennessee, Knoxville, Tenn. (C.C. 166d)				

NEW STATE LEADERS IN A. R. REPORT NO. 12
Ten-Months Division

Idaho

		Milk	%	Fat
Sleepy Hollow Ormsby Inka Governor 1799650	C4-11-5	14882.2	3.8	566.3
Fred Eggers, Meridian, Idaho (C.C. 198d)				
(Also first in state regardless of age in Classification C)				
Hart Beauty Royal 2150429	C4-0-16	15078.1	3.6	548.0
Fred Eggers, Meridian, Idaho (C.C. 167d)				
Sleepy Hollow Jean Governor Esther 1930181	C3-4-14	13874.6	3.6	504.8
Fred Eggers, Meridian, Idaho (C.C. 177d)				

Notice to Members

Information indicating irregularities in connection with registration and showring practice followed by C. M. Bottema, Indianapolis, Indiana, having come to the attention of the Secretary, and following a preliminary investigation, a meeting of the Executive Committee was held at Chicago, Illinois, November 29, 1941 and it was voted that charges be preferred against the said C. M. Bottema and he be given a hearing before the Executive Committee at its next meeting.

The charges alleged that the said C. M. Bottema had filed application for registry of a heifer born February 10, 1940 with a diagram of color markings showing her to be eligible for registry as to markings prescribed by the By-Laws of the Association and that when requested to furnish photographs of the heifer, he did so, said photographs showing that the markings of the right foreleg had been tampered with so that the photograph corresponded with the diagram of color markings on the application for registry previously filed. The heifer was admitted to registry and was recorded as Zeldenrust Effie Mae Korndyke 2151340. Later investigation proved that the actual markings of this heifer were not as shown by the diagram or photographs submitted by the applicant, and that she was ineligible for registry under the By-Laws by reason of black markings on the right foreleg beginning at the hoof and extending above the knee.

The charges alleged further that the said C. M. Bottema purchased a certain unregistered Holstein heifer, ineligible for registry because of a black leg, and entered said heifer for exhibit as a registered Holstein-Friesian heifer at the Indiana State Fair, offering two separate and distinct certificates of registry to prove registration, both of which were rejected by the State Fair Management because they did not identify the heifer in question, and as a result said heifer was barred from the showring.

The hearing before the Executive Committee was held at the Claypool Hotel, Indianapolis, Indiana, on February 10, 1942, and C. M. Bottema was present in person and represented by counsel. After thorough consideration of the evidence the Executive Committee found the charges to be true and voted unanimously to suspend the said C. M. Bottema from membership in the Association for a period of six months and that during said six-months period he be deprived of the right of registering or transferring any cattle in which he has any financial or ownership interest, whether in whole or in part, and that as provided in the By-Laws he be duly notified of the Committee's decision, and that unless he take an appeal to the Board of Directors within 15 days as provided in the By-Laws, written notice of the Committee's decision be filed with the Secretary of the Association and published in the Holstein-Friesian World and announced by the Secretary in his Annual Report.

Written notice was filed with Mr. Bottema on March 7, 1942 and the decision was accepted by him without appeal and the period of his suspension from membership will extend from March 22 through September 21, 1942.

Publication of this information is hereby made by order of the Executive Committee pursuant to Article I, Section 13 of the By-Laws.

Mr. Bottema has agreed that the registry certificate of the above named animal, Zeldenrust Effie Mae Korndyke 2151340 may be cancelled and her registration expunged from the records of the Association and this has been done.

The Holstein-Friesian Association of America

H. W. Norton, Jr., Secretary

Brattleboro, Vermont
March 23, 1942

NEWS *of the* TRADE

DESIGNS STARTING AGAIN

Mark Keeney reports that five of the daughters of Dunloggin Design at Overbrook have now freshened as second calf three-year-olds and that in their first month the five have averaged 82.5 lbs fat, with test materially higher than in their two-year-old form. He is hopeful of a 700-lb average or better on these five 3-yr-olds. Two of them, Jewel and Canary, are reported as producing better than 3 lbs fat each on their official day in March and Mark is shooting for 800-lb records on both of them this time. Design was recently announced with an 8-pair index of 999 lbs fat, highest for any breed, and breeders everywhere will be watching to see if he can maintain this tremendous level of herd improvement as more of his daughters come into production. Since the Design story in our issue of February 28 was written, we have received the official figures on the first 8 dam-daughter pairs for this sire, which are as follows:

8 Dtrs. av.	21,080 M.	3.61%	761 F.
Dams av.	15,880 M.	3.42%	543 F.
Index (B)	26,280 M.	3.80%	999 F.

SALE BRIEFS

The Edwards Farm Dispersal on March 14, at Dundee, Ill., made the satisfactory average of $216.21 for 58 head sold. Top price of $530 was paid for Wimbledon Emperor Inka May to W. H. Schendorf, Dundee. High price for females was $370 paid for Yeoman Clara Ormsby (431.2 lbs CTA) to Ernest Froeming, Jr., Dundee, Ill. 33 head over the $200 mark. Buyers from Iowa, Indiana and Wisconsin, as well as Illinois.

The dispersal of the Dean E. Weller herd at Liverpool, N. Y., on March 19, resulted in an average of $205.58 for 26 head. 17 females over two years averaged $242.35 and top price was $405 for a 2-year-old daughter of King Pietje Ormsby May, to C. A. Massey, Alexandria Bay, N. Y.

Complete reports next issue.

BULL BARGAIN BULLS SOLD

Dunloggin, Ellicott City, Md., reports on March 21 that three of the five bulls they advertised in the Bull Bargain Issue have now been sold as follows: Dunloggin Highwayman, the Woodmaster son, was taken by Lincoln University, University, Pa. Dunloggin Fon Albert, son of Fond Memory, goes to Merle H. Green, Elsie, Mich., and Dunloggin Erickson to Harold Dinsmore, Hebron, Ind. Another Fond Memory son, one of his most promising, was selected by Lewis E. Hull, Westminster, Md. This calf is from Dunloggin Romeo Mistress, one that you will hear more from in about 10 months.

ROBERTA MAKES ANOTHER

Roberta Sylvius Posch, the grand twice-thousand-lb fat dam of Commander Posch, purchased by Ceylon R. Snider, Fillmore, N. Y. in the Yates dispersal, has just completed another noteworthy record in her new home. Starting test as a senior 7-yr-old (she is now just turned nine) she made 22,824 lbs milk and 887 lbs fat, milked three times a day for the first 193 days, two times for the remainder. Her previous records are 889 lbs fat at 3½ years, 1,028 lbs at 5 years, and 1,039 lbs at 6 years. Her total is now 93,291.2 lbs milk and 3,845 lbs fat in four lactations. One lactation is not recorded as she was not on test with her first calf.

Another of the Yates animals purchased in the dispersal by Mr. Snider was a daughter of the 972-lb fat Vera Colantha Posch, that has now completed a 3-year-old record of 20,424 lbs milk and 704.3 lbs fat in 305 days. She was milked three times a day for 263 days, twice-a-day for the remainder.

These are CTA records. Mr. Snider states that he expects a herd average of about 450 lbs fat for the past year, and that he is planning to enter Herd Improvement Registry in the near future.

INDIANA REDHEAD

Under this title, the Saturday Evening Post of March 21 carried a story of Joe Hill's roses that will be of special interest to all **World** readers acquainted with our former vice-president and owner of Rose Hill Farm, Richmond, Ind. The significance of the title lies in Hill's famous Better Times rose, which has grown in 10 years to a strong third of the 18,000,000 rose plants now blooming under glass. A new elusive pink rose has just been developed by the Hill nurseries, with the name to be selected by popular vote at the National flower shows, all of which were in progress when the Post story came on the newstands—another evidence of the Post's uncanny timing.

The story mentions that the Hill greenhouses number 64, covered by 1,600,000 square feet of glass, protecting 35 miles of concrete benches where the roses grow. In California, a 150-acre nursery matures the plants destined for other rose growers. It is big business.

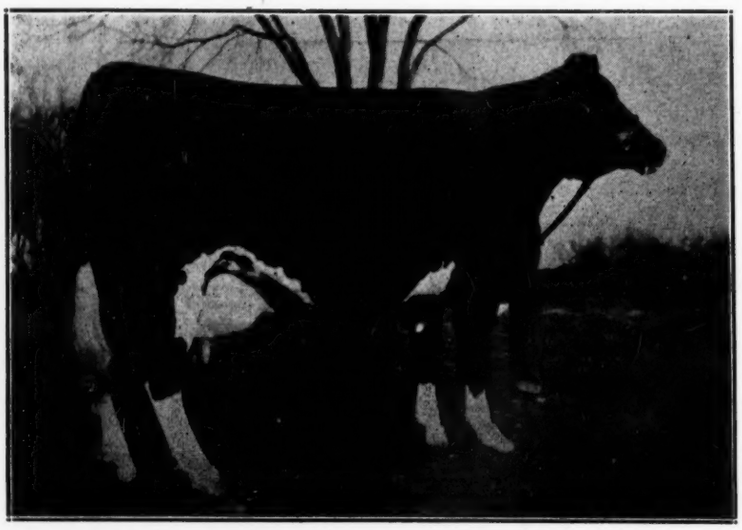
LAST DAUGHTER OF CREATOR DIES

The last daughter of the Gold Medal Proven Sire, Creator, died recently at Pabst Farms, Oconomowoc, Wis. Pabst Fashionable Lady was sixteen years old and left behind her a career equalled by few of our great Holstein cows.

As a calf she was shown on the big-time circuit, and on through in later years, her show career from 1931 to 1934 including 2nd prize aged cow at the St. Louis National in 1931 and member of the 1st prize produce of dam at the Wisconsin State Fair in '32, '33 and '34.

As a three-year-old in Class A she made 766 lbs fat. At four and a half years she made 541 lbs in Class C and at seven years she produced 604 lbs, also in Class C. Two of her daughters remain in the herd. A son topped the Brentwood Sale at Lauxmont Farms for $1,850, going to Mr. E. M. Bayne, Romeo, Michigan, where he is in service today.

While this removes the last Creator daughter from the Pabst herd, his inheritance contributes to the genetic make-up of a large percentage of the present herd through his



FAITH OF BAKER FARM (Excellent)
Record (made partly in Canada) 20,232 lbs milk, 3.77%, 762.9 lbs fat. Member Reserve All-American Get 1940 and 1941.

many granddaughters and more remote descendents, the Creator blood being highly valued by the people at Pabst Farms.

Sir Ormsby Skylark Barbetta, chief junior herd sire at Pabst Farms, carries four crosses to Creator.

OOSTERHUIS RETURNS FROM LATIN AMERICA

A. C. Oosterhuis, President of The Holstein-Friesian Association of America, has just returned from a good-Holstein-neighbor tour of Central and northern South America. He visited prominent breeders and government officials and reports high interest in Holsteins.

Holsteins already predominate in several of the Latin American countries. Guatemala has a Holstein association and a government registry program is in successful operation. Columbia is forming a Holstein Association and Oosterhuis states that this is one of the counties to watch for great Holstein progress.

He made the entire trip by air. The war has made it very dubious whether we can ship more Holsteins to these countries in the immediate future, but the groundwork has been laid for greatly increasing Holstein trade when shipping space is available, he states.

H OF C COMPLETES YEAR

The 55-cow herd at the Milwaukee County (Wis.) House of Correction has compiled a fine production average for the year 1941, its fourteenth consecutive year on DHIA test. The 55 cows averaged 490.3 lbs fat from 13,136 lbs milk, 3.73% test. Twenty were milked three times daily and the rest only twice, and twenty were first-calf heifers. The average income per cow was $189.80 on the basis of Milwaukee prices. We assume that this figure is profit over feed cost.

NEW STATE CHAMPIONS

Two members of the Virginia Poly herd at Blaksburg, Va., have recently gone to the head of their respective classes in the state in the 10 months division. VPI Ormsby Jean Matilda, a junior 4-year-old in Class B, made 563.9 lbs fat from 14,347 lbs milk. VPI Ormsby Grace Nuggett, a junior 2-year-old in Class C, made 423.5 lbs fat from 10,851 lbs milk.

In Connecticut, Osborndale claims another state record in Class B, 10 months, on the record of Osborndale Ollette Admiral Ormsby, a daughter of Rear Admiral Ormsby Fobes that produced 567.8 lbs fat from 13,901 lbs milk, 4.0% test. She started her lactation at the age of 2 years, 1 month.

GOOD WISCONSIN RECORDS

The Advanced Registry office reports the completion of a junior 2-year-old record of 779.3 lbs fat, 23,407 lbs milk for Lone Valley Ormsby Senorita, one of the C. J. Konop-bred heifers in the Pabst Farms herd. This record was made in Class B, 365 days, and it ranks second in its class in Wisconsin.

Hoesly Canary Inka, owned by A. C. Oosterhuis, Oconomowoc, Wis., is reported with a Class C record, 365 days, of 883.2 lbs fat from 26,508 lbs milk, also second in its class in Wisconsin. This was a mature record.

COLANTHA ROSE MOOIE OVER 100,000 LBS.

Colantha Rose Mooie, twice 1,000-lb fat Pennsylvania State Champion aged cow in Class B, now joins the ranks of the 100,000-lb lifetime producers, 556th member of this elite society. In six lactations she has produced a total of 125,162 lbs of milk containing 5,102 lbs of fat. This is an average of 850 lbs fat for each lactation. She is a daughter of the "Rose Lad" bull, a son of Pietertje Ormsby Mercedes Della.

"OLD NINE"

Among the most distinguished cow matrons of the Rocky Mountain area is "Old Nine," owned by Archie Allison of Cheyenne, Wyoming. Even though she is only a grade cow she has compiled some records in the past few years that would make any cow hurry to surpass.

"Old Nine" was purchased by Mr. Allison in 1934 from a party near Brighton, Colorado, and in six complete lactation periods she has produced 116,571 lbs milk and 4,674.5 lbs fat. The average length of each lactation was 374 days.

For the past two years she has been the highest producer in the Colorado-Wyoming 500 Pound Cow Club, and she is in the running and going strong for the third time.

Her six complete lactations average 19,428 lbs milk and 779.0 lbs fat. Her 365 day lactation records, Class B, are as follows:

2 years	13,316	517.3
3 years	16,889	721.5
5 years	19,760	804.8
6 years	22,728	892.0
7 years	22,291	870.7
9 years	20,338	798.0

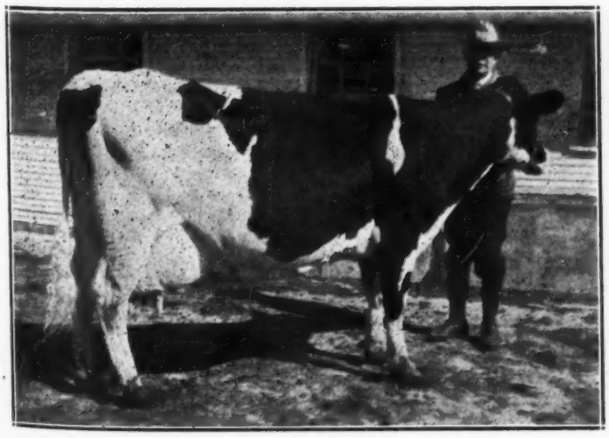
N. Y. HEALTH BOARD POSTPONES ACTION

New York City's Board of Health has been seriously considering eliminating from city inspection, plants in the milk shed that have not been regularly shipping milk to the city. Their theory is that this action would not only reduce their costs but also reduce the surplus in the market pool, and permit a lower class I price. Dairy interests have strenuously opposed this proposal. The assistance of Federal authorities was enlisted. Following requests for postponement of action to permit further study, sent by Roy F. Hendrickson, Administrator of AMA, and Clyde E. Beardslee, of the WPB, action by the Board of Health has been postponed, according to an announcement made public March 14.

TEXAS GOLD MEDAL SIRE

Since publishing in January an account of the Gold Medal award to De Kol Ormsby Ollie Pontiac, 12-year-old senior herd sire of R. E. Hildebrand, San Antonio, Texas, we have received a photograph of this sire, shown below. He has had to date six Class B daughters with reported A R records from 532.4 to 763.5 lbs fat, the lower figure being for a 2-year-old, the higher one for a junior 4-year-old. He has 13 classified daughters, 7 rating "Very Good," 2 "Good Plus," and 4 "Good," an average of 82.8 points.

This sire was bred by H. W. Halbach & Sons, Waterford, Wis. and went to Texas in 1929 as a baby calf. His sire was a son of the old Halbach bull, Sir Bess Fobes Ormsby, while his 647-lb fat dam is out of the All-Time All-American, Sir Fobes Ormsby Hengerveld, who was a son of the old "Fobes" bull mentioned above.



"OLD NINE" WITH MR. ALLISON

DE KOL ORMSBY OLLIE PONTIAC 598584

We Can't Hang 'Em On Hooks!!

On April 1, we are giving possession of our No. 9 Farm, recently sold. We still have 375 head — and not enough barn room to be comfortable in housing them until grass.

We are especially anxious to sell perhaps 50 head. Some cows and some heifers. We will pretty near give a buyer his pick of the herd — and we think we can suit the most exacting. We are now milking about 225 cows, which means we can offer a wide choice in selection. There are about **50 bred yearlings** and **50 open heifers** ready to turn out and breed this summer. They will grow into money without much expense or labor, if you are fixed with pasture.

Most of them are daughters of our herd sires, with some that came here in-dam, all choice and promising. Many are from high record dams up to over 1,000 lbs fat. We don't want to let too many of these go, because we think they are good property too, but we just have no place to stow them all away after April 1. And no fooling! What a nice small herd foundation a group of these heifers would make, and at minimum cost.

Don't wait to write. Come and make your own selections while the picking is best. We are still farming about 3,000 acres and will continue our business just as actively as ever, but we have more cattle than we can accommodate right now. **And it's a buyer's opportunity.**

Several units are approved Bang's free herds, and these animals are eligible to go anywhere. Farms are located on Route 28 — between Oneonta and Cooperstown. Telephone Milford, N. Y.

McLaury Bros.

Portlandville, Otsego Co.

New York

Ward Bros. Dispersal Averages $221

30 Females in Milk	$7,787.50	$259.58
10 Open Yearlings	1,845.00	184.50
4 Heifer Calves	422.50	105.62
9 Bulls	1,735.00	192.77
54 Head	$11,947.50	$221.25

The Ward Bros. Dispersal, held February 24 at their farm, Avalon, Wis., attracted an estimated crowd of 400 interested breeders from Wisconsin, Iowa, Minnesota, Indiana and Michigan. The quality of the herd was appreciated by the buyers and resulted in one of the year's best sales, indicated in the analysis above. It should be noted that of the 54 head sold, only 30 were milking females, this figure including two bred two-year-old not yet fresh which sold for $320 and $170 respectively.

The top price of $525 was paid for the herd sire, Spring Farm Pabst Korndyke, 3-year-old son of Woodland Pabst Piebe King out of the 1939 All-American Aged Cow, Pleasant Korndyke. He was purchased by the Minnesota Artificial Breeding Ass'n., St. Paul. Pleasant Korndyke is now making an excellent Class B record at Franlo Farms, Hopkins, Minn. She has two previous records of 599 and 622 lbs fat made on two-time milking.

The top females was Tritomia De Kol Inka, a fresh 3-year-old of outstanding quality, purchased for $415 by George Dodge of Avalon, Wis. The second high female was a bred two-year-old, not yet fresh, by a son of Dunloggin Woodmaster, purchased for $335 by Harvey Nelson & Sons, Union Grove, Wis.

A total of eight animals brought $300 or over, and 28 head sold for $200 or above, going to breeders in Minnesota, Illiinois, Michigan and Wisconsin.

Further indication of the demand for milking cows, and of the quality of the Ward Bros. offering was the fact that 15 grade Holsteins brought an average of $197.50. Six of these sold for over $200 and up to $250. These are not included in the sale analysis at the head of this story.

The heaviest individual purchaser was H. W. Greene, Howell, Mich., who took eight head for a total of $1,815 (including one half-number), an average of $227. The firm of McCullock and Newman, Rockford, Ill., bought four of the top animals for $1,020. George Dodge, Avalon, Wis., took three for a total of $1,005.

The sale was under Baird & Darcey management, with J. E. Mack in the auctioneer's box, Francis Darcey and Harvey Swartz in the ring and W. L. Baird reading pedigrees. Gene Halbach was leadsman.

The detailed list of buyers, and animals selling for $200 or above is as follows:

Minnesota Artificial Breeding Ass'n., St. Paul, Minn.:
Male, Spring Farm Pabst Korndyke 874882 (6-22-38) $525

Geo. Dodge, Avalon, Wis.:
Tritomia De Kol Inka 2012873 (9-21-38) 415
Juliana Mercedes Hartog 1910068 (1-20-36) 260
Tritomia Walker Ormsby Fernwood 2126418 (11-18-39) 230

Henry Anthes, Ft. Atkinson, Wis.:
Watson Hartog Homestead 19051033 (twin (2-28-36) 350

Harvey Nelson & Sons, Union Grove, Wis.:
De Kol Tulip Fobes 2126420 (1-17-40) 335
Tritomia Walker G V 2201063 (11-18-39) 320

H. W. Greene, Howell, Mich.: (8)
Tritomia Ollie Watson Posch 2005200 (3-29-38) 360
Korndyke Leila Wayne Pabst 2218726 (10-4-40) 225
Leilie Piebe Posch 2126421 (8-22-39) 235
Tritomia Watson Hamel Ormsby 2012871 (7-25-38) 225
Rose Fobes Korndyke Piebe 2218725 (8-23-40) 200
Tritomia Ada Ormsby 2012870 (7-11-38) 250

McCullock & Newman, Rockford, Ill.:
Ollie Ormsby Jane Fobes 1890930 (10-22-34) 305
Leila Denver Ormsby Jane 1946095 (11-24-36) 305
Berridale Julia Fobes 1787230 (8-21-34) 210
Leila Denver Ormsby Fernwood 1946097 (twin) (11-14-36) 200

J. O'Connor, 14 San Francisco Ave., Chicago, Ill.
Forest Pietertje Canary 1906904 (5-14-34) 250
Beechwood Ormsby Carnation Rue 1737397 (9-25-33) 235
Korndyke Pabst Julia Fobes 2206536 (9-23-40) 225

Alex McKerwin, Janesville, Wis.: (3)
Fobes Ollie Leila Denver 1946100 (2-9-37) 230

Merle McCartney, Milton, Wis.: (3)
Leila Denver Homestead 1946102 (4-8-37) 200
K B Abbie Wayne 1654459 (10-6-31) 205

Chester D. Lucey, Janesville, Wis.:
De Kol Inka Pontiac Lyons 1653486 (1-25-33) 200

Elmer Johnson, Milwaukee, Wis.:
Artis Wayne Leila 1946099 (7-2-36) 275

J. P. O'Connell, 3517 W. Harrison St., Chicago, Ill.: (4)
Ollie Ormsby Korndyke Fobes 2218723 (11-2-40) 210

Chas. Boman, Capron, Ill.:
Male, son of Spring Farm Pabst Korndyke (8-25-41) 200

Other buyers: Carl Funk, Wauconda, Ill.; Mooseheart, Mooseheart, Ill.; Fred Walker, Hebron, Ill.

From Wisconsin: Edgar Huebble, Beloit; Theo. Carlson, Clinton; Louie Hanauska, Milton; Chas. Hanauska, Milton; Ivan Salter, Germantown; Mal Wickham, Janesville; K. D. Knutson, Janesville; Funk Bros., Janesville; Harry J. Markert, Jefferson; Erevett H. Hanson, Avalon; John McLoy, Janesville; H. T. Stewart, Clinton; Bart Sikes, Darien; Walter Pringel, Ft. Atkinson.

CALIFORNIA TO COLORADO

Born last month in the herd of L. T. Winger, Trinidad, Colo., was a heifer calf conceived by artificial insemination with semen from E. E. Freeman's herd sire, King Inka Julia, in Modesto, Calif. Two cows were bred from the shipment of semen and one of them, Pikes Peak Beauty Kyte, conceived. She has an unusual production record with seven years of CTA work averaging 15,000 lbs milk and 547 lbs fat. This cow, a daughter of U Neb Quantity Kyte from a George Sinton bred dam, is now 13 years old. She has a daughter that last year finished with 709 lbs fat, and another that has three records above 500 lbs of fat. All of the above records are in the 305 day, two-time classification.

This youngster, through her California sire, introduces a brand new bloodline into Colorado Holstein circles, with the exception of the yearling bull from the Freeman herd, also owned by Mr. Winger.

WM. A. WHITE DISPERSAL

15 Females in Milk	$2,510.00	$167.33
5 Bred Yearlings	760.00	152.00
2 Open Yearlings	220.00	110.00
5 Heifer Calves	617.50	12.50
1 Bull	500.00	500.00
28 Head	$4,607.50	$164.55

Wm. A. White dispersed his herd of 28 purebred Holsteins at the farm near Cazenovia, N. Y., on February 24, with very satisfactory results. The sale total was $4,607.50 to average $164.55, and Mr. White was pleased considering the fact that half of the females were bred to freshen this fall, and the balance about a month away and not yet bagged. Calves and bred heifers had been vaccinated, and sold well.

The sale was topped by the young herd sire, Osborndale Educator Ormsby 810223, who went to Claude Westcott, Lebanon, N. Y., at $500. This bull is a son of Osborndale King Ormsby, he by Sir Bess Ormsby May and out of Lady Ormsby Fobes Educator (1,041.9 lbs fat, 4.1% test). The dam, Osborndale Duchess Ormsby 2d, has 541.40 lbs fat as a 2-year-old, testing 4%, and is granddaughter of the Educator cow named above. Most of the herd was bred to this promising young sire.

Top cow was Echo Francy Lila, a Canadian bred cow of splendid type, with 561 lbs fat, 3.8%. She went at $265 to R. E. Gregory, Auburn, N. Y., who selected a total of four head. George Blum, Cazenovia, N. Y., heaviest buyer in the sale, topped his purchases with Erma Lefa Ideal, at $255, and Laura Bessie Boon at $250. In all, he took eight head for $1,332.50.

The sale was largely attended by breeders from all parts of the state. The selling was done by Harold and R. D. Lee, Cazenovia.

Details of the animals selling above $200 and list of buyers follow:

Claude Wescott, Lebanon, N. Y.:
Male, Osborndale Educator Ormsby 810223 (7-7-40) $500
R. E. Gregory, Auburn, N. Y.: (5)
Echo Francy Lila 297653C (12-24-33) 265
Geo. Blum, Cazenovia, N. Y.: (8)
Erma Lefa Ideal 1902202 (4-1-37) 255
Laura Bessie Boon 2188096 (3-8-38) 250
G. R. Alexander, Cortland, N. Y.:
Betty Star Echo 394912C (2-24-38) 205
Other buyers (all New York): R. D. Knapp & Son, Preble; Frank Carroll, Pompey; Homer W. Shepherd, Cazenovia; Duane Sweetland, Cazenovia; Owen Carroll, Pompey; Fenlon Bros., Tully; Frank L. and Lawrence A. Damon, New Woodstock; R. L. Bettinger & Son. Kirkville.

THIRD 600-LB HERD AVERAGE

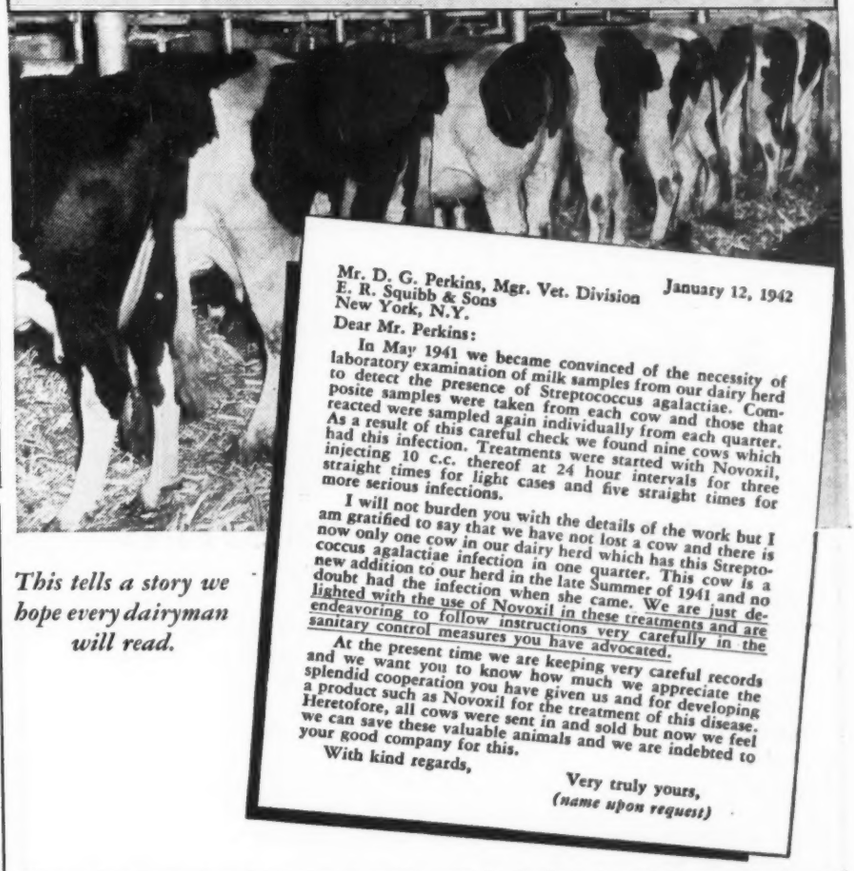
The Lehigh-Northampton County (Penna) DHIA this month reported the 3d consecutive herd average for L. A. Zimmerman, Lehighton, above 600 lbs fat. The herd of more than 25 cows averaged 651.1 lbs fat, 18,429 lbs milk for the past test year, on three-time milking. The highest individual producer in the herd was Lilith Lathrop Lolen, whose 7-year-old record was 834.2 lbs fat from 23,261 lbs milk. Three others made records above 700 lbs, six others above 600 lbs, and five above 500 lbs. The Zimmerman herd has been entered in Herd Improvement Registry test for the current year.

He cooperated with his veterinarian and—

These 9 valuable cows were cured of

CHRONIC MASTITIS!

(caused by Streptococcus agalactiae)


Mr. D. G. Perkins, Mgr. Vet. Division
E. R. Squibb & Sons
New York, N.Y.

January 12, 1942

Dear Mr. Perkins:

In May 1941 we became convinced of the necessity of laboratory examination of milk samples from our dairy herd to detect the presence of Streptococcus agalactiae. Composite samples were taken from each cow and those that reacted were sampled again individually from each quarter. As a result of this careful check we found nine cows which had this infection. Treatments were started with Novoxil, injecting 10 c.c. thereof at 24 hour intervals for three straight times for light cases and five straight times for more serious infections.

I will not burden you with the details of the work but I am gratified to say that we have not lost a cow and there is now only one cow in our dairy herd which has this Streptococcus agalactiae infection in one quarter. This cow is a new addition to our herd in the late Summer of 1941 and no doubt had the infection when she came. We are just delighted with the use of Novoxil in these treatments and are endeavoring to follow instructions very carefully in the sanitary control measures you have advocated.

At the present time we are keeping very careful records and we want you to know how much we appreciate the splendid cooperation you have given us and for developing a product such as Novoxil for the treatment of this disease. Heretofore, all cows were sent in and sold but now we feel we can save these valuable animals and we are indebted to your good company for this.

With kind regards,

Very truly yours,
(name upon request)

This tells a story we hope every dairyman will read.

Not so long ago, few dairymen thought that a satisfactory treatment for Chronic Mastitis would ever be found.

But with the discovery of Novoxil* Liquid and the development of a rigid sanitary control program—dairymen are beginning to reduce mastitis losses, save cows from slaughter, keep milk production up.

We want you to note particularly this line in the letter, "Composite samples were taken from each cow and those that reacted were *sampled again* individually from each quarter."

We have repeatedly stressed that *five* important steps must be taken; *four* before Novoxil Liquid is used by your veterinarian. Novoxil Liquid *alone* will not effect a cure. Dairymen must cooperate with veterinarians and follow these essential steps:

(1) At the first sign of abnormal milk with a high bacterial count, call your veterinarian. (2) Take composite milk samples from each cow in the herd and have the samples laboratory-tested. (3) Segregate infected cows or move them to end of milking line and milk last. (4) Take second milk samples from each quarter of infected cows and have these samples laboratory-tested. (5) Your veterinarian will *then* treat infected quarters with Novoxil Liquid.

This is the program you *must* follow if you want to free your herd of infectious mastitis. It is the program that is proving successful in the majority of Streptococcus agalactiae cases treated.

SEND FOR FREE BOOKLET

Write E. R. Squibb & Sons, *Veterinary and Animal Feeding Products Division,* 745 Fifth Ave., New York, N.Y. for Free Booklet.

**Novoxil is a trademark of E. R. Squibb & Sons.*

SQUIBB — A NAME YOU CAN TRUST

Lenth & Nieman Dispersal

Catalog Analysis

37	Females over 2 yrs.	$ 9385	$253.92
2	Bred yearlings	390	195.00
9	Open yearlings	1230	136.66
7	Heifer calves	880	125.55
8	Bulls	2240	280.00
63		$14125	$224.21

The dispersal of the Lenth & Nieman herd at Waterloo, Iowa, March 9, under the management of A. W. Petersen, proved to be one of the good sales of the year, with 63 catalogued animals, plus a few baby calves, bringing the fine total of $14,125 or a grand average of $222.46. The 37 females over 2 years brought an average of $253.92, these including seven two-year-olds not yet fresh at sale time.

The three herd sires all brought prices ranging from $400 to $500, the senior sire, King Bessie Ormsby McKinley, going to Minnesota Artificial Breeding Association, St. Paul, at $400; his three-year-old son, Nieman Bessie Tritomia, to I. C. Deering, Clermont, Iowa, at $500 and the other three-year-old sire, Hawthorn Senator McKinley Fobes, to W. C. Nieman, Elkader, Iowa at $425.

The honor of topping the sale went to an outstanding five-year-old daughter of the senior sire, Artis Tritomia Bessie Nieman, taken at $525 by Neale Farms, Waco, Texas, who also took three other daughters of the same sire at prices from $225 to $240.

In addition to the Hawthorn Senator bull, Mr. Nieman purchased a September son of this sire at $300 and several of the best daughters of King Bessie Ormsby McKinley, including three at prices from $300 to $350. Altogether there were sold 25 offspring of this sire which with seven of their uncatalogued baby calves of both sexes brought a total $6,015 or an average of just over $240.

Included in the averages given above were nine head consigned by others than Lenth & Nieman, of which one cow consigned by L. C. Lenth went to Hill-Man Farms, Rockford, Ill. at $300 and a two-year-old consigned by Fred Pieplow to W. D. Mitchell at $235.

Auctioneers were J. E. Mack, J. E. Halsey and Robert Seitz, with Sale Manager Petersen working in the box and Mike Stewart displaying the animals in the ring. Following is a list of animals selling for $200 or over, arranged by buyers:

Neale Farms, Waco, Texas:
- Artis Tritomia Bessie Nieman Nieman 1952538 (1-24-37) $525
- Barbetta Tritomia Bessie Nieman 2013790 (2-12-38) 240
- Betsy Tritomia Bessie Nieman 2052262 (9-27-38) 225
- Lenth Bessie Rose McKinley 2117737 (4-23-39) 235

I. C. Deering, Clermont, Iowa:
- Male, Nieman Bessie Fobes Tritomia 796654 (11-16-38) 500

W. C. Nieman, Elkader, Iowa:
- Male, Hawthorn Senator McKinley Fobes 790549 (7-24-39) 425
- Adelia Tritomia Bessie Nieman 1941161 (9-28-36) 340
- Male, Nieman Tritomia Bessie Senator (twin) (9-23-41) 300
- Bell Tritomia Bessie Nieman 2052265 (10-16-38) 350
- Bluebell Tritomia Bessie Nieman 2052266 (10-31-38) 260
- Catalpa Grove Fobes 2069157 (12-15-38) 290
- Elva Homestead Ormsby 1649584 (11-30-32) 225
- Coquette Tritomia Bessie Nieman 2126199 (8-3-39) 260

Minnesota Artificial Breeders Ass'n., St. Paul, Minn.:
- Male, King Bessie Ormsby McKinley 708578 (12-24-34) 400

Hill-Man Farms, Rockford, Ill.:
- Ashleigh Tritomia Helen 2255736 (10-20-38 300

Ernest Miehe, Maynard, Iowa:
- Alane Tritomia Bessie Nieman 1986981 (9-27-37) 230

H. E. Kleiss, Brooklyn, Iowa:
- Corrine Tritomia Bessie Nieman 2122962 (11-24-39) 230

Jens Bollerup, Waterloo, Iowa:
- Lenth Double Dean Inka Ormsby 2004615 (5-12-38) 215

Donald Burco, Aurora, Iowa:
- Lenth Bessie Ormsby Inka 2122963 (12-1-39) 240
- Lenth Bessie Inka Ormsby 2023160 (9-26-38) 260
- Lenhaha De Kol Ormsby 1912475 (8-3-35) 220

Clarence Zurcher, Farmersburg, Iowa:
- Lenth Ormsby Segis Dean (12-28-39) 210

(Continued on page 34)

THE ELKHORN SALES

NOW a Saturday
"Top-of-the-Crop" Sale

In the famous Round Pavilion

Sat. May 9th at Elkhorn, Wis.

70 REGISTERED HOLSTEINS

An All Quality Offering

Entry No. 1 comes from CARNATION FARMS direct. He is **Carnation Imperial Douglas** (named for Gen. MacArthur). Born Oct. 3rd, he is an outstanding individual son of **Carnation Governor Imperial,** from a beautiful uddered 863-lb. fat, 3.7%, 3-yr-old daughter of Carnation Ormsby Perfection. **Visualize the pedigree and see this calf.**

FROM SHORACRES and SOUTH SIDE FARM (Dr. F. J. Plondke), **White Bear Lake, Minn.** One of the farms is to be subdivided and Dr. Plondke let us pick 22 head that will be **right** for the **Elkhorn Sale.** High record backing all the way through, with 7 daughters of **King Alexina Jewel** and 10 daughters of **Carnation Governor Romeo** (high record son of "Governor"), all with calf to **Femco Quality,** 993-lb fat bull.

Other early consignors are — **Hill-Man Farms, Bob Gardner, James Cornue,** "Killybracken" from Illinois; **Chas. Reineke,** Morristown, Minn.; **The Arnos Farms,** Michigan; **Pabst Farms, Quality Farms, Godfrey, Hetts, Gefke, Salter, Howard Farm** and **Irving Farm,** all of Wisconsin. **Several consignments also promised from Eastern Herds.**

And many more to be inspected in Wis. and Ill.

YOU MAY STILL CONSIGN—

When this ad appears we will be in the eastern states, inspecting cattle offered there, but will keep the consignor's list open for a few days following return. If you want to consign to ELKHORN please contact immediately, giving details. **Jens Bollerup,** 127 Lafayette St., Waterloo, Iowa, who is making the Iowa and southern Minn. selections, may be contacted by breeders from that section.

Look For The Pictures In The "World," Next Time

A. W. PETERSEN, Sale Mgr., Oconomowoc, Wis.

DELEGATE NOMINATIONS

(Continued from page 10)

Thompson, Mason; W. Harry Freshour, Mason; G. E. Peterson, Orleans; Norman S. Topping, Stockbridge; George G. Schafer, Dearborn; Robin Carr, Fowlerville; O. F. Foster, Clarkston; Hugh G. Aldrich, East Lansing; C. B. Smith, Pinconning; Keith C. Hoover, Temperance; Raymond Kempf, Fremont; Chas. P. Reed, Howell; Lloyd D. Miller, Howell; Harry D. Woodworth, Grand Ledge.

MINNESOTA (6 Delegates)

J. C. Marlow, Mankato; H. P. McElroy, Mankato; Leighton L. Croswell, Lake Crystal; August Dietz, Gaylord; Albert G. Lieske, Henderson; John B. Irwin, Minneapolis; E. J. St. Martin, Minneapolis; Edwin B. Chadwick, Minneapolis; Christian A. Olsen, Nicollet; W. S. Moscrip, Lake Elmo; John A. Hartle, Owatonna; Christopher Graham, Rochester; Carl E. Steele, Conger; H. G. Miller, Northfield; B. J. Huseby, Adams; B. J. Knauss, Waseca; Axel Hansen, Minneapolis; Charles Calverley, Ellendale; D. F. Bull, Minneapolis; F. W. Griswold, Minneapolis; Albert R. Knutson, Pelican Rapids; A. O. Lee, Northfield; A. L. Kiester, Fairmont; David Swenson, Spicer; Myrtle I. Himrum, Lake Park; M. A. Tabbut, Pellican Rapids; Michael Kazunas, Wright; Chris Ditlevson, Blooming Prairie; Wm. Schmidt, Janesville; Alfred Berglund, Albert Lea.

MISSISSIPPI (1 Delegate)

Edith Clarke, Columbus.

MISSOURI (2 Delegates)

Joseph Gemeke, Clyde; J. E. Crosby, Jr., Columbia; Glenn G. Davis, St. Louis; Scott Meyer, Hannibal; F. J. Armstrong, Cape Girardeau; Robert F. Thompson, Springfield.

MONTANA (1 Delegate)

Frieda S. Hofstetter, Miles City; Roy L. Erickson, Great Falls; P. Hoogland, Malta; J. C. Steiner, Billings.

NEBRASKA (2 Delegates)

Henry Stubbe, Central City; Roland Ramsay, Seward; Harry A. Gordon, Harvard; Henry F. Brandt, Beatrice; R. L. Ferguson, Lincoln; Edward H. Wittrock, Falls City; Wm. Smith, Columbus; R. H. Jandebeur, North Platte.

NEVADA (1 Delegate)

P. T. Anderson, Fernley; A. J. Reed, Lovelock; Alfred A. Oats, Fallon; V. E. Scott, Reno; G. Ernest Brooks, Reno.

NEW HAMPSHIRE (2 Delegates)

W. A. Baker, Exeter; C. Leland Slayton, Warner; Roe McDanolds, North Haverhill; Frederick A. Stoddard, North Haverhill.

NEW JERSEY (2 Delegates)

Mark H. Keeney, Cedar Grove; J. M. Nevius, Somerville.

NEW MEXICO (1 Delegate)

Joseph C. McCarty, Las Cruces; D. B. Clarke, Gallup.

NEW YORK (16 Delegates)

Miles B. Marshall, Morrisville; R. Austin Backus, Mexico; H. C. Wood, Morrisville; Preston E. Trask, Hamilton; Robert C. Church, Baldwinsville; Stephen C. Pendergast, Phoenix; A. J. Williams, West Winfield; Albert C. Townsend, Paris Station; J. D. Beardslee, New Berlin; R. Y. Walrath, East Springfield; James H. Stone, Marcellus; J. A. Coulter, Watertown; Frank N. Decker, Syracuse; G. Harold Cowles, Ashville; Edwin P. Smith, Sherburne; Robert J. Howard, Sherburne; Robert M. Thompson, Heuvelton; Frank F. Martin, Lisbon; Carl M. Randall, Gouverneur; Everett E. McClure, Heuvelton; Harley J. Bennett, Canton; Beniah Morrison, Rensselaer Falls; Loudon K. Daniels, Hammond; N. S. Hutchinson, Heuvelton; Clarence W. Collins, Malone; Karl S. Hartshorn, Lebanon; L. A. Damon, New Woodstock; Grant Langdon, Copake; Paul H. Erwin, Amenia; Willard D. Van Valkenburgh, Bedford Hills; Ward W. Stevens, Liverpool; Hugh M. Hughes, New Hartford; Stanley Bardwell, Tully; Roy A. Bardwell, Tully; Fred Van Schaick, Cortland; Ralph G. Jones, Homer; John S. Maxson, Homer; Paul Smith, Newark Valley; Carl G. Wooster, Union Hill; G. S. V. Andrews, Lagrangeville; E. J. Karlen, Rome; Ralph F. Tilton, Ithaca; Frank P. Wavle, Cortland; Frank J. Walton, Watertown; Claude E. Brown, West Winfield; W. D. Brown, Ithaca; Lawrence Riley, North Bangor; George E. McGeoch, Cambridge; C. L. Schoonmaker, Gardiner; James Stark, Pawling; Richard M. Chapman, Ontario; Leon Ruttenbur, Cherry Creek; Fred J. Saltsman, Cortland; Joseph W. McCaig, South Canisteo; Burton N. Ketch, Cohocton; Edward F. Wetmiller, Cohocton; Clair B. Bennett, Hornell; W. L. Draper, Hammnodsport; L. J. Calkins, Avoca; Verne D. Parker, Avoca; Oliver R. Wicks, Wayland; Mrs. Maud Dwight, So. Otselic; George H. Comings, Bainbridge; Will Jay Pike, No. Norwich; Roy E. Rathbun, Cincinnatus; Edwin T. Hinman, Pitcher; F. C. Whitney, Ilion; W. M. Hagen, Pitcher; Glenn R. Allexander, Cortland; Leon E. Smith, Little York; Daniel Grant, Afton; Clifford A. Palmer, Hampton; Abraham Eller, New Paltz; Arling Cobb, Whitesville; Charles J. Knoell, Tonawanda; Lee J. Cunningham, Canajoharie; Walter L. Cone, Ontario Center; Howard P. Blount, Lacona; Arthur D. Hoose, Hopewell Junction; Roy W. Wright, Pleasant Valley; David J. Roberts, Sauquoit; James Shanley, Paris; Clarence J. Coye, Earlville; W. T. Conkling, Earlville; H. N. Kutschbach, Sherburne; Chas. W. Lamb, Hubbardsville; Harley Phelps, North Bay; Edwin B. Barker, Crown Point; Henry M. Jones, Deansboro; Henry H. Willcox, Earlville; Bert J. Butts, Sherburne; John G. Horner, Lamson; Ward C. Loomis, Bainbridge; John J. Pangom, Whitehall; Huntting C. Winans, Pine Plains; J. Riker Robinson, Jr., Owego; George Burrow, Ontario; Meric Phillips, Red Creek; Daniel I. Mayne, Rochester; Wm. A. Ashford, Lyons; Kent Whipple, Savannah.

NORTH CAROLINA (1 Delegate)

R. O. Lindsay, High Point; C. C. McKoin, Thomasville.

NORTH DAKOTA (1 Delegate)

M. G. Kruse, Kindred.

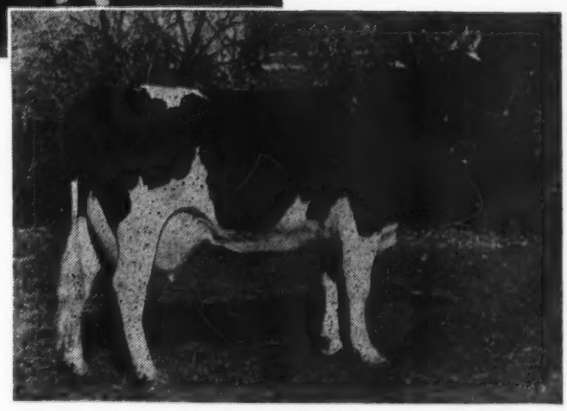
OHIO (6 Delegates)

W. L. Biddle, Wauseon; Jas. A. Reynolds, Cleveland; Clair I. Miller, Medina; I. M. Cavanagh, Burton; H. S. Dalton, Wakeman; L. E. Radcliffe, Kipton; I. D. Hadley, Wooster; C. W. Ernsthausen, Elmore; S. S. Smith, Lima; Ira W. Lee, New London; Harry C. Smithers, Perrysburg; M. R. Moomaw, Canton; R. H. Barr, Canton; Benjamin Studer, Orrville; O. L. Thomas, Marshallville; Lewis Edward Doll, Sugarcreek; Floyd H. Carter, Springfield; Kenneth F. Indoe, Lodi; Charles R. Line, Middletown; John C. Indoe, Medina; Fred N. Burr, Wauseon; Willis B. Havens, Fremont; George B. Warner, Wellington; L. W. Pierce, Warren; Melvin R. Zimmerly, Bluffton; John Westrick, Defiance; Elmer Dalton, Wakeman; L. W. Nisbet, Loveland; Wilbert Schumacher, Pandora; Fred Dellinger,

(Continued on page 32)

TWO MORE EXCELLENT REASONS why so many SUCCESSFUL DAIRYMEN FEED the B-B WAY

ORMSBY BURKE COLANTHA
Record for 1 year
29027.5 lbs. Milk
3.8% Test
1092.5 lbs. Fat



CANARY ORMSBY DIRECT
Record for 1 year
19990.9 lbs. Milk
4.1% Test
812.3 lbs. Fat

Both of these splendid animals were developed by McLaury Brothers, River Meadow Farms, Portlandville, N.Y., who have fed more than 5000 tons of B-B Dairy Rations. Dorr McLaury says: "We have perfect confidence in B-B Feeds and recommend them highly. We consider the B-B a definitely economical feeding program."
Maritime Milling Co., Buffalo, N. Y.

LET B-B HELP YOUR DEFENSE EFFORTS!

"Lightning Strikes Again"

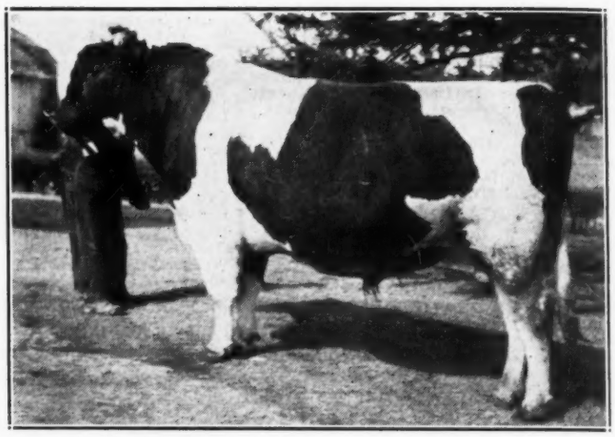
The Dam of Our Herd Sire Makes 1248 Lbs. Fat

All the Dairy World gets a thrill from the announcement of this sensational record, with almost four months of her testing year being taken up with a 6,000-mile show circuit which brought her three State Fair Grand Championships.

Imagine then the thrill for us who have owned her son (see picture) since his calfhood and now have a fine lot of his sons and daughters growing up in our herds.

CARNATION PERFECTION TRIUMPH has been undefeated in strong county fair competition and as a jr. yearling was junior champion at Minnesota's two largest county fairs. His offspring have also been successful winners, one of his daughters third in the 4-H class of 28 at Minnesota State Fair.

HIS 12 NEAREST DAMS AV. 1,079 LBS FAT



CARNATION PERFECTION TRIUMPH 771583
Our son of Carnation Ormsby Perfection from Carnation Homestead Inka Mutual, whose record is just announced as 1,248.2 lbs fat from 32,470.4 lbs milk, 3.8%.

As our herds are both small, we might consider selling him to some breeder or group of breeders who could give him the opportunity he deserves. He has sired mostly heifers thus far and has about 30 daughters in our own and other herds.

For Further Information, Write Either Owner

ERNEST F. SLOAN OR **ARTHUR B. JOHNSON**
Ellendale, Minn. **New Richland, Minn.**

The WAR DEPARTMENT Is Taking Over Our Farms for WAR PURPOSES

Herd established nearly 45 years ago, now numbers 120 head. We have been vaccinating our calves with Strain 19 since 1936 under Federal Supervision, and a large proportion of the herd has now come through this program. The whole herd is negative (except young calves recently vaccinated.)

10 daughters of K P O P 5th (sisters of famed "Black Bess").

22 daughters of Winterthur Bess Ormsby (sisters world's champion Cornell Ormsby Esteem).

40 daughters of Lovell Governor Aaggie Prilly (he is a brother to Dunloggin Elenora).

Sale will be held under Backus management

S. C. PENDERGAST, Supt.
Phoenix, N. Y.

SO . . .

—our old-established Holstein herd and all farm equipment, horses, mules, etc., must be sold on short notice . . .

April 27-28

at

Oswego River Stock Farms
Phoenix, New York

The Cattle Will All Be Sold
The Second Day

WATCH NEXT ISSUE
For Further Details and Photos

★ BELL FARMS Selected By War Department As Site For Defense Airport——

BELL FARMS has been selected by the War Department as site of new Defense Airport. Most of the 1,100-acre farm has already been turned over, the buildings on the home farm being reserved until this sale of the herd could be held. Shortly after the sale of the herd, on April 20 and 21st, the buildings will be levelled and the ground made ready for the new project. Every animal in the herd of 335 head will be sold in this great two-day sale event. **Everything must be sold.**

BEAUTIFUL BELL FARMS — RICH IN HOLSTEIN HISTORY AND TRADITIONS

The BELL FARMS DISPERSAL

Federal Accredited and Bang Certified for Several Years

★ 335 Registered Holsteins

"The Largest Dispersal in History of the Breed"

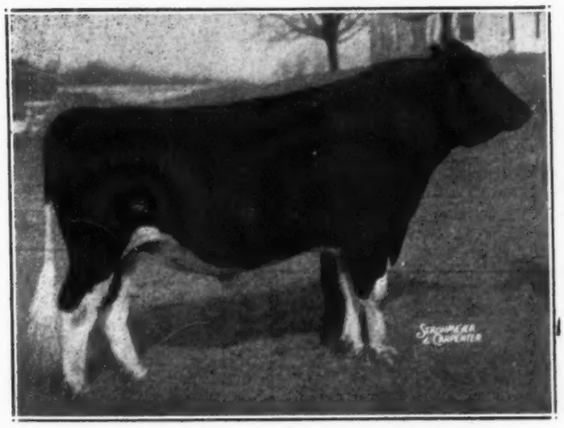
MONDAY and TUESDAY

April 20-21, 1942

AT BELL FARMS

Coraopolis, Penn.

ONE OF THE JUNIOR SIRES



"VICKERY," BELL FARM ADMIRAL VICKERY
Junior sire at Bell Farms. Born February 23, 1939. Fifteen of his beautiful daughters, up to fifteen months of age, stamp him as a true transmitter of his own beautiful type. Close in breeding to the new Pabst Farms herd-sire, being by a brother (Burke), and from a 702-lb., 4.1%, daughter of B. F. King Valdessa, maternal brother to Bell Farm Reta.

And Here is His Oldest Daughter

BELL FARM VICKERY MELLETTE
By "Vickery," from 511-lb., 2-yr-old. Second dam: 524-lb. 2-yr-old, by B. F. Carzone. This one will show.

EVERY PICTURED ANIMAL SELLS IN THIS GREAT SALE

BELL FARMS FOBES FESA
Cl. B at 5 yrs. 681.5 lbs. fat, 3.5%. By "Fobes," from 626-lb. gr-daughter of 722-lb. Winterthur cow. Due before sale.

BELL FARM FOBES LADY HELEN
Cl. B at 3y, 603-lbs. fat, 3.7%. One of greatest "Fobes' daughters, from 701-lb. double gr-dau. Fair. Pont. Beets Korndyke.

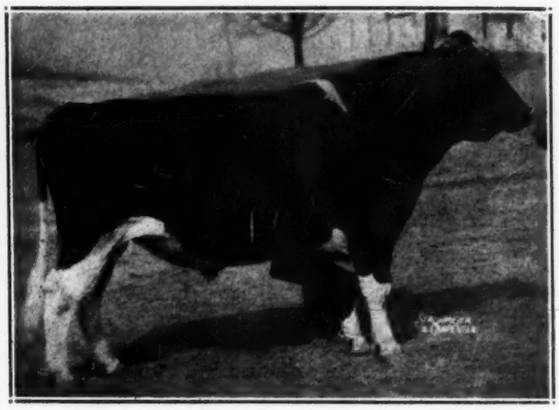
All Selling-Sal

★★ 335 Top of ed F

THE BELL FARMS HERD is one of herds in America. For several years fied. **Every Female** and several of the sires that were not born on the farm as calves, and never saw service el For more than ten years **Bell Farms** two-year-old is placed on test as she that the two-year-old records averag without pampering. Many of these in excess of 800 lbs. fat.

Watch For Large Ad In WORL
Additional In of

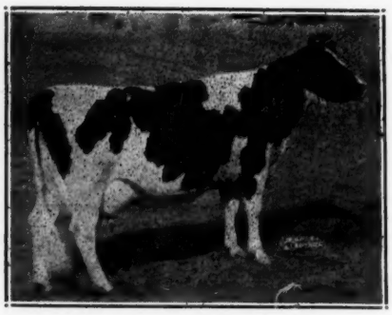
"FOBES," KING BESSIE ORMSBY FOBES
Senior Sire. Great proved son of "King Bessie," from Raymondale Fobes, 809-lb fat, 3.87% daughter of "Admiral." Second dam, Wisconsin Fobes 7th, 849-lb. fat, 4.26% daughter of "37th." Third dam: Wisconsin Fobes (herself). This great bull and more than fifty of his daughters will be sold.



"BURKE," BELL FARM ADMIRAL BURKE
Senior Sire. He sires them sensational in both sexes. Several of his first calf two-year-olds have made, or are now making, well over 600 lbs. fat. By same sire as the new **Pabst Farms** proved sire. Dam an 840-lb. granddaughter of "Admiral"; second dam is sister to **Dunloggin's** Eleanora Della Burke.

THE "GET" OF KING BESSIE ORMSBY FOBES

THE "GET" OF BELL FARM ADMIRAL BURKE



BELL FARM HOMESTEAD OLIVE
Cl. B at 3½ yr. 614.3 lbs fat, 3.8%. By "Carnation," from 529-lb dau. of "White Ollie." Second dam, 627-lb, 4%.

BELL FARM HOMESTEAD ARTIS
Cl. B at 2 yrs. 433 lbs. fat, 3.6%. By "Carnation," 992-lb., 4.2% son of N. S. Joe Homestead. Mated with "Burke."

BELL FARM FOBES CAREMMA
Now on test in B, at 2 yrs. in 101 days has 143 lbs. fat, 3.7%. By "Fobes" from 776-lb., 4%, Penn. Champ. 3½ yr. old. Cl. B.

g-Sale of Sales

o of ed Holsteins ★★

one of t and most highly developed producing
l years Federal Accredited and Bang's Certi-
of the re born at Bell Farms. The three herd
e farm s and **Rag Apple**, came to Bell Farms
rice el
Farms B test-string of sixty or more. Every
as she close study of the catalogue will show
averag 00 lbs. fat; records made in stanchions,
these h two-year-olds are capable of records

d In WORLD", Picturing Many
al In s of All Ages.

BELL FARM BURKE JONIE
Cl. B, 347d at 2 yrs. 527.1 lbs. fat, 3.5%. By "Burke," from 617-lb. King Ona Jolie Fayne dam. Will be fresh sale time.

BELL FARM ETHELSON ARTIS
Now on test in B. At 3 yrs., in 72 days has 135 lbs. fat, 3.8%. By son of "Burke" from 433-lb, 3.6%, 2-yr-old "Carnation."

"RAG APPLE," BELMONTVIC RAG APPLE
Junior Sire. By **Lauxmont's** son of Johanna Rag Apple Pabst, from a 730-lb., 3.7%, show dam, descendnig from the foundation cow of **Pabst** Farms great transmitting **Belmont** family of 4% testers. Several of the best records made at Bell Farms on his daughters. Thirty-five daughters sell.

"VICKERY," BELL FARMS ADMIRAL VICKERY
Junior Sire. Three-year-old son of Bell Farm Admiral Burke and **Bell Farm Valdessa Victoria** (Class B, 702 lbs fat with 4.1% test). Dam is by son of **Bell Farm Reta** (773-lbs. fat with 3.9% test at 10 yrs.), she also being dam of **Bell Farm Rosalind**, dam of the new **Pabst** proved sire.

THE "GET" OF BELMONTVIC RAG APPLE

THE "GET" OF CARNATION HOMESTEAD MATADOR

BELL FARM BURKE LARKY
Now on test Cl. B, at 2 yrs. 287d, 325 lbs. fat, 3.9%. By Burke, from 529-lb., 3.9%. K P O P show dam. Bred to Rag Apple.

BELL FARM FOBES JOVIAL
Now on test in B, at 2 yrs. in 283d has 431.0 lbs. fat, 3.7%. By "Fobes," from 485-lb. 2-yr-old. Heavy to Rag Apple.

BELL FARM HOMESTEAD SADIE
Cl. B at 2½ yr. 511.5 lbs. fat, 3.4%. By "Carnation" from dau. DeCreamCo Cal. Posch. Heavy with calf to Rag Apple.

BELL FARMS DISPERSAL

FEDERAL ACCREDITED & BANG CERTIFIED HERD

April 20-21 — Coraopolis, Penn.

— The Offerings in Brief —

335 REGISTERED HOLSTEINS; 310 Females, 25 Males . . . Every animal in the great BELL Farms Herd. **One Hundred and Ninety-two cows and heifers with official Class B records,** or now engaged in making these records. **Forty-seven cows and heifers with official records from 600 to 870 lbs fat . . .** ONE HUNDRED AND SEVEN sons and daughters **of 600 to 885-lb fat cows . . .** more than 200 additional from record dams . . .

More Than 120 Cows and Heifers Either Fresh or Due Soon After Sale

51 DAUGHTERS of the great proved sire, **King Bessie Ormsby Ormsby Fobes,** probably the greatest ORMSBY-bred sire alive today.

55 DAUGHTERS of another great herd sire, **Bell Farm Admiral Burke,** including several two-year-olds with over 600 lbs fat.

35 DAUGHTERS of **Belmontvic Rag Apple,** who combines the **Johanna Rag Apple Pabst** with the **Belmont** family at Pabst Farms.

30 DAUGHTERS of **Bell Farm Sir Carmen Ormsby,** great siring grandson of King Bessie Ormsby Fobes, from 776-lb., 4%, three-yr-old daughter of Carzone.

21 DAUGHTERS of **Carnation Homestead Matador** (former herd sire), a 933-lb., 4.2% son of North Star Joe Homestead.

20 DAUGHTERS of **Bell Farm Hengerveld Lad,** former herd sire splendid transmitting son of **Princess Lyons Model Hengerveld, 886**-lb. dau. of **King Heng. Model Fayne.**

15 DAUGHTERS of Bell Farm Sir Bonheur Ormsby, former herd sire, by **Johanna Bonheur Ormsby Della** (Charlie), from the **Ponderosa-37th-Creator** cow with 769 lbs. fat.

10 DAUGHTERS of **Ormsby Sensation 23rd,** one of the great transmitting bulls of the breed. More than forty granddaughters also selling.

A GREAT PRODUCING HERD — **Selling in full bloom.**

DETAILS OF THE SALE

THE PLACE . . . Sale in Pavilion at Bell Farms, starting promptly at 10:00 A. M., Eastern War Time, each day. Lunch will be available at noon hour and throughout the afternoon. Adequate parking facilities.

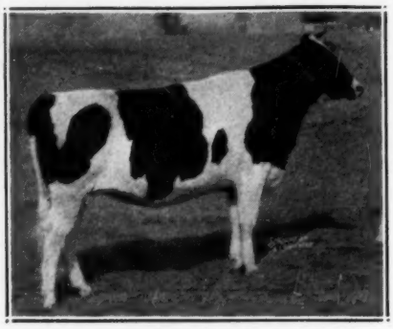
SALE HEADQUARTERS . . . Hotel Roosevelt, Pittsburgh, Penn. Please make reservations well in advance. Excellent accommodations and cuisine.

TO REACH BELL FARMS . . . Bell Farms are seventeen miles west of Pittsburgh, between U. S. Highway 30 and Pennsylvania 51. **Turnoffs from these main highways will be plainly marked with red-arrow signs.** Turn off of U. S. 30 at Eureka Filling Station; Turn off of Penn. 51 at town of Carnot, picking up arrow signs at this point.

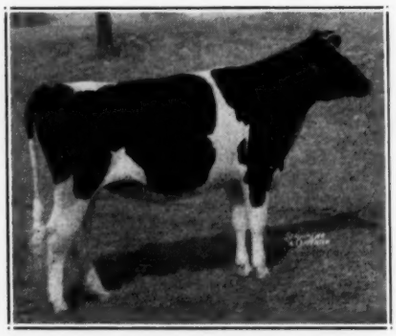
IF NOT DRIVING . . . Take Penna. RR trains from Pittsburgh to Sewickley, Penn. Cars marked for sale will meet trains up to starting time on sale days.

CATALOGUES . . . Ready about April 3rd. To insure prompt delivery please enclose 25c with request for special handling and special delivery.

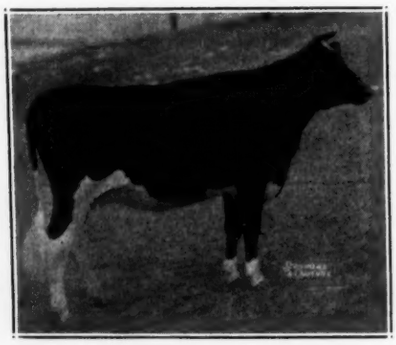
A. W. Petersen, Sale Mgr., Oconomowoc, Wis.



BELL FARM BURKE RILDA
By "Burke" from 551-lb., 3.7%, Cl. B, 4-yr-old daughter of King Ona. Four maternal sisters in sale. Mated with Rag Apple.



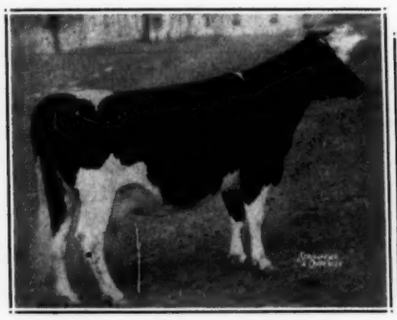
BELL FARM VALDEVELD BUFOSA
By son of B. F. Hengerveld Lad, from 452-lb. 4.1%, 2-yr-old "Burke." Second dam, 681-lb. "Fobes." Due by Rag Apple.



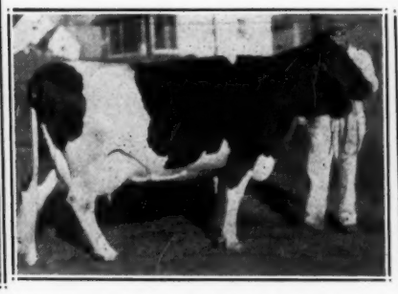
BELL FARM CARMEN BURKARY
By B. F. Sir Carmen Ormsby. Dam 602-lb., 3.8% dau. of "Burke." 2nd dam, 599-lb., 3 yr. "Carnation." Due to Rag Apple May 14th.

BUY BELL FARM BLOODLINES FOR PRODUCTION AND PROFIT

Representative Daughters of Ormsby Sensation 23d, a former herd sire



BELL FARM KORN MARYVELD
Cl. B at 2 yr. 305d, 400.3 lbs fat. Youngest dau. of Or. Sensation 23rd. Dam: 557 lbs. Due by "Fobes."



BELL FARM KORNDYKE ABBELIA
Cl. B at 5 yr. 789-lbs fat, 3.6%. By Ormsby Sensation 23rd, from 573-lb. Tidy-Abbekerk dam. Heavy to "Fobes."

BELL FARM KORNDYKE MABEL
Cl. B at 4½ yr. 850.4 lbs fat; also 562 lbs. at 2 yrs. By Ormsby Sensation 23rd. Dam: 615 lbs.; Gr.-dam: 788 lbs.

NEW HERD AVERAGES

The latest edition of the HIR News Letter lists the last 13 herd averages to be listed in Volume 13 of the Red Book, and the first 14 to be entered in Volume 14. The top producing herd in the former group is the 20-cow Class C herd of J. Blake Winter, Middleton, N. Y., which averaged in 319 days, 462.8 lbs fat, 3.7%, 12,643 lbs milk.

Walter Splinter, Winslow, Ill., leads the "C" herds in the latter group with an average of 554.9 lbs for 7 cows. This is the third consecutive year for this herd above 540 lbs fat. The herd of Ray Meeker & Son, Muncie, Ind., follows with an average of 497.6 lbs for 23 cows (fifth consecutive year on test). H. A. Meier, Abilene, Kan., has an average of 483.2 lbs for 7 cows and Melvin R. Kimmerly, Bluffton, Ohio, has 10 cows averaging 447.8 lbs. Other herds above 400 lbs are: W. J. Martin, Darlington, Wis., 415.1 lbs (eighth consecutive year) and G. C. Arbogast, Celma, Ind., 404.3 lbs.

The leading "B" herd is Overbrook, Cedar Grove, New Jersey, with 81 cows averaging 16,046 lbs milk, 3.4% fat and 551.6 lbs fat per cow. This is the eighth consecutive year over 500 lbs for this herd. University of Idaho, Moscow, comes next with 504.5 lbs fat, for 22 cows in their fifth consecutive year on test.

There are two "B-C" herds, Adrian T. Personius, Genoa, New York, with 496.1 lbs fat for 21 cows (sixth consecutive year) and Walter Zorn, Egg Harbor, Wis., 458.1 lbs for 14 cows in their first year on test.

FOND DU LAC BREEDERS MEET

The Fond Du Lac County (Wis.) Holstein Club held its annual meeting at Fond du Lac, February 20. Louis Gross of Rogersville was elected president for the current year. Sam Smith, Oakfield, was elected vice president, Lawrence F. Murphy, Fond du Lac, secretary, and Bennett S. Bird of Oakfield treasurer. The meeting was well attended.

The program included presentation of certificates to owners of herds that made outstanding production records during the past year. Fieldman Bob Geiger spoke on the best methods of building higher production in the present emergency, and on building for the future with better herd sires. Richard Stumbo, of the Wisconsin Dairymen's association, gave an illustrated talk on feed costs and herd management in general, especially costs of raising young animals for replacements in present herds.

WINNECONNE BULL SALE

The Winnebago County (Wis.) DHIA No. 1 held another in its series of bull sales on January 7 at the Winneconne Sales Stable, Winneconne, Wis. Twelve young bulls were sold for an average price of $139.17. The association has been holding two or three of these sales each winter for the past several years.

Top price at the January sale was $250 for a King Bessie-bred bull consigned by H. L. Ellis, Eureka, Wis., and purchased by H. W. Betry & Son, Berlin, Wis. Another Ellis calf brought $180 from Granklin Welk, Ripon.

Other sales were as follows: W. Kirk to Harry Davis, Pine River, $145; E. Winkenwerder to Harry Wilke, Oshkosh, $95; H. Betry to Emil Tellock, Dale, $150; A. Ellis to Wm. Markert, Omro, $77.50; G. McSchooler to Chas. O'Harrow, Oshkosh, $165; H. Beck to R. Van Alstine, Omro, $175; Louis Beck to A. F. Schroeder, Winneconne, $102.50; A. Petratz to W. H. Wreckert, Appleton, $102.50; J. Hofberger to R. J. Helm, Pickett, $102.50; and G. McSchooler to L. A. Muscavitch, Omro, $125.

DELLINGERS REPORT SALES

M. & F. Dellinger, Plain City, Ohio, report the recent sale of Man-O-War Ormsby Posch 50th to Mr. C. O. Stingel of Sugarcreek, Ohio. This calf is by the Dellingers' twice All-American Man-O-War bull, proven in HIR, and out of Hill Rose Lady Marshal with an average of 735 lbs fat, 4% test for three successive years. She is now 10 years old and so far in her lifetime has produced 4,203 lbs fat.

Sir Dean Barbetta Fobes 5th has been sold to Mr. E. H. Erb of Milford Center, Ohio. This calf is by the Dellinger-Maytag owned son of famed Bess Ormsby Fobes Barbetta and out of Glen Eden Imperial Fobes, a daughter of Sir Bess Ormsby Fobes 61st. The dam has four records over 500 lbs fat and one above 618.9 lbs. Both calves are of exceptionally good type.

KING BESSIE SENATOR
Our Five Times All-American Son of King Bessie

A Senator Daughter

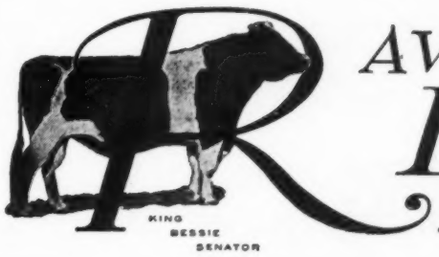
Breaks Illinois State Record

The Holstein-Friesian Association of America has just released the figures on a SENATOR DAUGHTER that has set a new high mark in our state for junior two-year-olds, milked three times a day.

The New State Champion is
SENATOR BESSIE PEGGY
At 2 yrs. — 365d B — 22,181 Milk — 763.3 Fat

Our congratulations to Elmwood Farms on this heifer who displaces as state champion for this age and classification our own heifer, BESSIE ORMSBY LOTTIE, with 745.8 lbs fat as a Class B junior two-year-old.

ASK US ABOUT SENATOR SONS AND GRANDSONS



AVENGLEN FARMS
Antioch, Illinois
E. H. RAVENSCROFT, OWNER
ADDRESS CORRESPONDENCE TO
R. A. ARNOLD, AT THE FARMS

141st Earlville Sale

Held at Earlville, N. Y., March 11, 1942

	Total	Average
119 Females over 2 yrs.	$23519.50	$197.64
(including 10 bred 2-yr-olds that averaged		154.50
9 Bred Yearlings	1132.50	125.83
6 Catalogued Heifer Calves	355.00	59.16
11 Bulls	2750.00	250.00
145 Head	$27757.00	$191.43

In addition eight uncatalogued baby calves sold for $545.

This is the largest one-day sale total in the history of the Earlville series. Volume was very large and the quality well sustained, although perhaps not quite up to the standard of the February sale. Observers felt that the market was not quite so strong as in February, reflecting current uncertainties in the milk market. There were some excellent bargains, and a large crowd. In fact, the attendance was beyond expectations, with the catalog supply exhausted by lunch time. The buyers numbered 77, from all parts of New York State, New England and Pennsylvania.

Osborndale Farm, Derby, Conn., had the honor of topping this sale for the sixth time in the past 14 months. Their offering this time was a very classy 13-months-old son of Osborndale Tovarich Ormsby May, from Osborndale Hester Ormsby May (841.2 lbs) a daughter of Sir Bess Ormsby May out of Empire Ormsby Hazel, 752-lb inbred Man-O-War daughter, the next dam being famed Empire Ormsby Tillie (801 lbs). F. Totman and W. T. Jones, Cazenovia, N. Y., were the purchasers at $550. Bulls sold well throughout. Butterfly Farms, Mexico, N. Y., secured $405 for a 4-year-old son of Prince Oscar Posch out of Mimi Posch Veeman (981 lbs) highest record daughter of General Posch; second dam, Queen Veeman Posch (1,077 lbs). Casper Fox, Cincinnatus, N. Y., was the buyer. A particularly good buy was the 2-year-old, Carnation Hazelwood Korndyke Lad, a son of Carnation Peerless out of an undeveloped daughter of Carnation's great brood cow, Gerben Parthenea Piebe De Kol 3d. Broome-Tioga Artificial Dairy Cattle Ass'n., Ouaquaga, N. Y. were the buyers at $350. J. & E. J. Karlen, Rome, N. Y., who have had the experience before, brought out the top selling female, Karlcrest Man-O-War Ormsby a three-year-old daughter of Man-O-War Corporal, just ready to freshen. John Bolten, Andover, Mass., was the buyer. Mr. Bolten was the heaviest purchaser, and a contender on most of the top females. Ten head sold for $300 or better, and 48 others above $200.

Details of those selling for $200 or over, and list of buyers follows:

F. Totman & W. T. Jones, Cazenovia, N. Y.:
Male, twin, Feb. 12, 1941 (Osborndale Tovarich Ormsby May) ..$550
(Osborndale, Derby, Conn.)

Casper Fox, Cincinnatus, N. Y.:
Male, July 26, 1937 (Prince Oscar Posch) 405
(Butterfly Farms, Mexico, N. Y.)

Broom-Tioga Artificial Dairy Cattle Ass'n. Ouaquaga, N. Y.:
Male, Carnation Hazelwood Korndyke Lad 792129 (3-10-40) 350
(Carnation Milk Farms, Seattle, Wash.)

John Bolten, Andover, Mass.: (9)
Karlcrest Man-O-War Ormsby 2068612 (2-2-39) 335
(J. & E. J. Karlen, Rome, N. Y.)
Dunvegan Mercena 337647C (3-22-36) 300
(R. S. Mackinnon, Maple, Ont.)
Orchard Gore Man-O-War Lulu 412030C (12-25-38) 300
(D. W. McLeod, Dalkeith, Ont.)
Stockholm Bessie Chadwick Gerben 388564C (1-1-38) 250
(Elmer Powell, Oshawa, Ont.)
Pietertje Veeman Hartje 2029302 (2-20-38) 230
(Frank P. Wavle, Riverside Farm, Cortland, N. Y.)
Fallon Dale Star Queen 1987557 (10-6-37) 225
(Paul H. Dean, Ithaca, N. Y.)
Barrondale Topsy 443202C (11-17-39) 215
(Stanley B. Watson, Agincourt, Ont.)

Peter Martens, Bainbridge, N. Y.:
Molly Wayne Burke 320811C (4-14-35) 310
(D. W. McLeod, Dalkeith, Ont.)
Karlcrest Prilly Johanna 2129334 (6-14-39) 240
(J. & J. E. Karlen, Rome, N. Y.)
Baramolach Countess Bessie 425383C (4-8-39) 215
(Orson D. Smith, Fayetteville, N. Y.)

Glen Arden Farm, Pawling, N. Y.:
Aaggie Rag Apple Hermes 361809C (12-11-35) 310
(Harold W. Honey, Seagrave, Ont.)
Capitola Rag Apple Posch 350615C (5-17-36) 235
(Arthur Graham, Brinston, Ont.)
Pauline Korndyke Cecile 407251C (6-15-38) 230
(Orson D. Smith, Fayetteville, N. Y.)

W. J. Wall, Manlius, N. Y.:
Male, Riverflat Admiral Blanche 822159 (11-6-40) 300
(E. P. Smith, Sherburne, N. Y.)

James H. Stone, Marcellus, N. Y.:
Elmview Walker Princess 383359C (1-1-37) 300
(E. A. Magee, Napanee, Ont.)

Gilt-Edge Investment—46 2-3% Int.

If you are a National Association member—If you sell (and transfer) as many as 10 animals a year—Then you receive 46⅔% interest on your investment of $3.50 in a N. Y. State Ass'n. membership. You receive free a $1.00 metal road sign—a World subscription—a reduction of 50c on each transfer fee. Figure it out for yourself.

YOU CAN SAVE MONEY BY JOINING!

New York Holstein-Friesian Ass'n

W. D. BROWN, Sec'y. Wing Hall Ithaca, New York

In The Market For A Bull?

SEND FOR OUR NEW BULL BOOK

Offering sons of the following sires:

Wait Farm Carnation Jonathan—Classified Excellent
Wimbledon Inka Veeman Emperor—Proven—Very Good
W. F. Mercedes Ormsby Judge—Classified Excellent
Cornucopia Lad Posch—Proven—Classified Excellent

PRICES—$75 to $300

Dams have:
Production records — Show records — Type ratings

The WAIT FARMS J. REYNOLDS WAIT, Owner
77 Genesee St., Auburn, N. Y.

Two Outstanding Bulls To Earlville, April 8

(1) Knollwood Pontiac Chieftain, a 4 months old son of the 5% Montvic Chieftain 7th out of a dam that did 16,822 milk, 579 fat at 4 yrs, the dam being a daughter of the well proven King Ormsby Ideal 15th.
(2) Pebble Beach Sir Echo, a 18 months son of Sir Bess Ormsby Fobes Dean (Wooster's $1,500 bull) out of a Montvic Chieftain 7th 3.8% daughter whose dam has an HIR lifetime record of 150,000 milk and a 10-yr-old record of 20,000 milk, 727 fat. Here's a cross from three great families.
Build confidently on either of these

Knollwood Farms
Rochester, N. Y.

Lawrence Brothers, Binghamton, N. Y.: (7)
Mapleway Eeke Lenox 4th 2081318 (12-3-38) 240
(Miller Bros., Clark's Summit, Pa.)
Carnation Artis Echo Posch 414996C (12-16-38) 230
(Pickering College Farm, Newmarket, Ont.)
Stockholm May Gerben 388562C (10-23-37) 230
(Elmer Powell, Oshawa, Ont.)
Keyes Sensation Posch 406694C (4-14-38) 200
Princess Keyes Sensation 406691C (10-10-38) 230
(E. R. Fairbank, Jamesville, Ont.)
Ingersoll Bros., Fultonville, N. Y.: (6)
Pontiac Alcartra De Kol Ann 450090C (9-30-39) 235
(W. H. Holles, Maple, Ont.)
Saltland Bess Ormsby Queen 2d 2038761 (1-15-39) 225
(Ray F. Saltsman & Son, Cortland, N. Y.)
Arnold Kegebein, Munnsville, N. Y.:
Humbercrest Korndyke Pietje 398542C (1-30-38) 270
(Roy H. Barker, Woodbridge, Ont.)
Karlcrest Oostie Korndyke 1962820 (4-16-37) 230
(J. & E. J. Karlen, Rome, N. Y.)
T. H. Wood, Bouckville, N. Y.: (8)
Della Abbekerk Inka Wayne 383061C (twin) (5-26-37) 235
(L. E. Kelley, Schomberg, Ont.)
Sunny Grove Ormsby Susan 1807693 (12-8-34) 200
(Paul Sterusky, Little Falls, N. Y.)
Orson D. Smith, Fayetteville, N. Y.: (3)
Johanna Nita 2d 2097192 (4-8-36) 225
(J. W. Derosia, Mexico, N. Y.)
Hermes Hartog Sensation 406690C (3-25-38) 200
(E. R. Fairbank, Jamesville, N. Y.)
W. H. Heath, Glenmont, N. Y.: (6)
Hermes Posch Sensation 371671C (3-28-37) 205
(E. R. Fairbank, Jamesville, N. Y.)
Sylvia Segis Pabst 397176C (3-7-38) 240
(Roy E. Baker, Winchester, Ont.)
Alfred J. Boutin, Attleboro, Mass.: (6)
Fayne Champion Alcartra 391159C (11-10-37) 205
(J. Moynihan, Aurora, Ont.)
Orchard Gore Man-O-War Sue 387796C (4-9-38) 200
(D. W. McLeod, Dalkeith, Ont.)
Burton Dana, Tunkhannock, Pa.: (2)
May Alcartra Dewdrop Bessie 366855C (11-19-36) 200
(Albert Hunter, Norval, Ont.)
John A. Hildebrant, Dallas, Pa.:
Bridgeview Sylvia Betty (4-26-39) 275
(Stewart Fisher, Vernon, Ont.)
Geo. T. Moore, Meshoppen, Pa.: (2)
Fayne Sowiscol Segis 365231C (7-8-37) 255
(W. L. McClure, Brampton, Ont.)
Alex Weizevich, Tunkhannock, Pa.: (3)
Hartog Dutchland Sensation 406696C (4-21-38) 220
(E. R. Fairbank, Jamesville, N. Y.)
J. C. Florence, Hailstead, Pa.:
Sensation Pontiac Veeman 392303C (11-25-37) 225
(E. A. Magee, Napanee, Ont.)
Geo. Rathbun, Cazenovia, N. Y.: (4)
Fold Farm Prospect Ormsby Sue 2038404 (1-26-39) 210
(Earl W. Lamb, Lisle, N. Y.)
Walter Whitbeck, Franklin, N. Y.:
Male, C E B Baron Plebe Oletta 393923 (9-13-39) 200
(Mrs. Grace Bull, Syracuse, N. Y.)
McLaury Bros., Portlandville, N. Y.: (4)
Spring Valley Maud Francy 420476C (3-27-39) 230
Edward Foyt, Maine, N. Y.: (3)
Mapleway Daisy Iduna 2d 1971244 (6-25-37) 240
(Miller Bros., Clark's Summit, Pa.)
Vernon Stowell, Fulton, N. Y.: (2)
Inka Ormsby Creamelle Susie 1908096 (4-26-36) 225
(Riverside Farm, Cortland, N. Y.)
Frank P. Wavle, Riverside Farm, Cortland, N. Y.:
Male, Clovercourt Carnation Artis King 826675 (2-25-41) 260
(Peter Martens, Bainbridge, N. Y.)
Fay Hodge, Ames, N. Y.:
Avoca Abbekerk Rag Apple 429814C (6-5-38) 245
(James Somerville, Schomberg, Ont.)
C. A. Murphy, Potsdam, N. Y.: (5)
Sylvia Veeman Lady 432947C (9-7-39) 205
(Charles Webster, Uxbridge, Ont.)

(Continued on page 38)

13 Years Continuous DHIA Testing

In the herd today are 17 cows with 1 or more complete lactations. The best records of each of these average 13,367 lbs milk, 3.45%, 461.9 lbs fat, 2-time milking, in an average of 321 days. Five are 2-year-olds, only 4 mature.

A FEW COWS TO SELL

Graymoor Dairy Farm

APPROVED HERD No. 53 — GARRISON, N. Y. — ACCREDITED HERD No. 370834

W. S. McDONALD, Supt. — ROBERT MARSH, Herdsman

Ellbank Farm

Home of

Marathon Ormsby Amos

AMOS is siring 400-lb 2-year-olds on two-time milking HIR test, with beautiful udders, and 4% test.

Our 1941 herd average, with nearly half of the 20-cow herd in heifer form, was:

11,910 M. 3.7% 443 F.

Offering AMOS sons from HIR dams with two-time records of 475 to 600 lbs fat, high test, type you will like. A vaccinated herd — 7 years.

Address

ROY W. WRIGHT, Owner

Pleasant Valley, New York

His Sons for Sale

Deyo Star Homestead Melissa

His Sire: Lathrop Star Homestead
High index proven sire, a former winner of the Mt. Hope Index prize

His Dam: Rivermead Melissa

2y	10454 M.	4.0%	411.3 F.
3y	12471 M.	4.1%	514.9 F.
5y	22006 M.	4.0%	896.0 F.
6y	23061 M.	3.8%	882.2 F.

Her Dam: 5,862 lbs fat, 9 lactations

WRITE FOR INFORMATION

Claridge Farms

C. E. Eldridge Pine Plains, N. Y.

OFFERING SONS OF

MAHOFOR NAJAC

OUR SON OF

HAY'S SUPREME

His dam is a daughter of Hay's Supreme with two records over 644 lbs fat, now making between 800 and 900 lbs.

Calves Out of

Mimir Daughters

"Mimir," Eastern New York's most noted proven sire, son of King Posch Ormsby of Winterthur.

A penny postcard will bring full information.

Clove Valley Stock Farm

Accredited — Approved

G. S. V. ANDREWS, Owner
LaGrangeville, New York

Eastern New York

"A good place to buy Foundation Holsteins"

Herd Sires
Mature Cows
Calves
Heifers

Vaccinated stock—or accredited stock. You'll find it all in Eastern New York—in all of the popular bloodlines.

Our assistance gladly given to prospective buyers.

EASTERN N. Y. HOLSTEIN CLUB
Richard Stringham, Sec.
Wappinger's Falls, N. Y.

DELEGATE NOMINATIONS FOR 1942 CONVENTION

(Continued from page 23)

Plain City; Lester F. Weck, Ohio City; E. D. Humphrey, Williamsfield; Lamar Young, Mineral Ridge; Julian Gift, Athens; John Young, Sugarcreek; C. O. Stingel, Sugarcreek; Samuel Tritten, Lisbon; August Moser, Bellevue; Joseph A. Lawler, Bellevue; E. J. Haight, Medina; Kenneth Michael, New Carlisle; Carl Siddall, Akron.

OKLAHOMA (1 Delegate)

John B. Steward, Jones; Roy U. Woods, Verden.

OREGON (1 Delegate)

Walter H. Lindow, Portland.

PENNSYLVANIA (8 Delegates)

H. D. Allebach, Trappe; Owen S. Gerhard, Palm; Furman H. Guyger, Kimberton; R. W. Bowen, Wellsboro; George Hunsberger, Plumsteadville; Wm. H. Landis, East Greenville; Clark Bowen, Wellsboro; G. A. Burdick, Wrightsville; Ben Ballard, Troy; Joseph O. Canby, Hulmeville; Earl L. Groff, Strasburg; Chas. C. Chaffee, Ulster; Roy S. Bowen, Wellsboro; V. A. Houston, Northhampton; Harold Ziegler, Breinigsville; Floyd R. Shook, Pen Argyl; B. L. Hindenach, Easton; John S. Wehr, Mifflinburg; H. A. Snyder, Montoursville; H. E. Robertson, York; Jesse Kurtz, Carlisle; O. A. Shirey, Williamsport; John A. Bell, Jr., Pittsburgh; Isaac S. Gross, Plumsteadville; H. Welcome Detweiler, Perkasie; J. S. Patton, Hartstown.

RHODE ISLAND (1 Delegate)

William W. Carpenter, Rumford; E. I. Cornell, Oak Lawn; Franklin N. Strickland, Providence; Joseph Rose, West Warwick; I. H. Sweet, Oakland; H. H. Barton, West Warwick.

SOUTH CAROLINA (1 Delegate)

J. A. Taylor, Spartanburg.

SOUTH DAKOTA (1 Delegate)

R. L. Cotton, Parker; James Dougherty, Redfield; Victor Johnson, Altamont; Allec Sundal, Baltic; William F. Schwandt, Big Stone City; Thad Oviatt, Huron.

TENNESSEE (1 Delegate)

Charles H. Schwam, Memphis.

TEXAS (1 Delegate)

J. S. Maverick, San Antonio; R. E. Hildebrand, San Antonio; H. B. Hales, Amarillo; D. E. Greenwood, Sandy; F. J. Gordon, Smithfield; J. A. Ainscough, Smithfield; William Woodbury, Salt Lake City.

VERMONT (2 Delegates)

Carroll Hoyt Landon, New Haven; Robert E. Eddy, Poultney; H. C. Johnson, Vergennes; Amherst B. Weeks, North Claredon; Sheldon Miller, Ely; Lester W. Wheeler, South Royalton; Lewis S. DuBois, Bethel; E. C. Taylor, Wallingford; Orin A. Thomas, Rutland; Maurice S. Johnson, Middlebury.

VIRGINIA (2 Delegates)

Frank McComb, Bluemont; E. T. Willis, Culpeper; J. O. Beard, Linville; George T. Carr, Charlottesville; L. J. Crowgey, Wytheville.

WASHINGTON (2 Delegates)

Lloyd G. Whipple, Vancouver; R. E. Everly, Carnation; Cecil A. Poston, Spokane; James B. Reilly, Ferndale; Peter A. Van Dyk, Lynden; William Bishop, Jr., Chimacum; John Gasser, Vancouver.

WEST VIRGINIA (1 Delegate)

S. P. Wood, Valley Grove; Guy B. Montgomery, Ronceverte; Thomas Garton, Lewisburg.

WISCONSIN (13 Delegates)

Francis Darcey, Watertown; George W. Bos, Deer Park; John Last, Lake-Mills; John Zoberlin, Plymouth; Emil H. Titel, Plymouth; Joseph E. Piek, Hartford; Harvey W. Swartz, Waukesha; A. F. Bennett, Pewaukee; Harvey A. Nelson, Union Grove; Alfred L. Godfrey, Elkhorn; W. L. Baird, Waukesha; Fred Pabst, Oconomowoc; Frank Bell, Columbus; John Zentner, Wisconsin Dells; S. H. Bird, South Byron; Lawrence F. Murphy, Fond du Lac; Rueben Klofanda, Racine; Elam P. Coon, Milton; Matt A. Meyer, Bruce; Lawrence R. Siebecker, Baraboo; John B. Cain, Glenbeulah; Harry E. Hill, Sheboygan Falls; Charles C. Brace, Lone Rock; Albert Johannes, Two Rivers; George M. Kieffer, Auburndale; William Meisegeier, Barron; Harry C. Dix, Menomonie; Rudolph J. Schaefer, Appleton; George J. Weiner, Sparta; C. J. Rieck, Elkhorn; Walter H. Wieckert, Appleton; J. E. Mack, Ft. Atkinson; A. J. Gafke, Ft. Atkinson; Paul Widmann, Jefferson; A. J. Glover, Ft. Atkinson; W. R. Gates, Ft. Atkinson; C. O. Christ, Ft. Atkinson; J. J. O'Laughlin, Malone; E. C. Wippermann, Sheboygan; Arthur Collentine, Madison; Edwin J. Beuchel, Sheboygan; Len Mirsberger, Hilbert; W. W. Kinyon;, Madison; Joseph A. Hanson, Chetek; Harold T. Burdick, Hillsdale; Thomas C. Webster, Winnebago; George Schumacher, Janesville; Carl Will, Jefferson.

WYOMING (1 Delegate)

Archie Allison, Cheyenne.

CANADA (No Nominations)

Employment Service

As a service in the present war emergency, the **World** is offering a free employment service to both herd owners seeking help and herdsmen available for positions.

Space in this column up to 50 words is offered free to any breeder wanting a manager, herdsman, tester or barn man, or describe the position, wages, etc., and to persons desiring such employment to state their qualifications, experience, etc., together with address for direct correspondence. Ads in this free department will appear only once, unless requested. Request should be made separately for each issue where appearance is desired. Space for "blind ads" is available at the regular rates for those who prefer to have correspondence addressed to this office and forwarded to the. The rate is $2.00 for a half-inch space; $3.50 per inch, for larger spaces per insertion.

YOUNG MAN, college graduate, agriculture, desires position as herdsman on dairy or general livestock farm. Energetic, dependable. Will assist in routine farm work. For additional information write, AGRICULTURIST, 2528 7th Ave., Apt. 4, New York, N. Y.

HERDSMAN WANTED — for small dairy of 10 excellent pure bred Holsteins. Farm school graduate preferred but not essential. State salary expected, experience, etc. If married, could use wife as chambermaid in hotel we also operate. NORMAN KELLAR, Jockey Farms, Ellenville, N. Y.

WANTED—Bred Heifers or would buy whole herd. Quote best cash price. R. H. BEARD & SONS, Cortland, N. Y.

HELP WANTED

Single man experienced working with high producing Holsteins under clean, modern conditions. Completely machine equipped. Mostly barn work, winter — help field work summer. Want really high class man. Give salary, experience and references.

Albert B. Craig **Sewickley, Pa.**

WANTED—Working herdsman for outstanding herd of pure bred registered Holsteins in Colorado. Graduate of Graham School preferred. Must have had experience in breeding and fitting Holsteins for the show ring. Give references in first letter, stating your age, whether married or single, how many in family and salary expected. Box 222, Holstein-FRIESIAN WORLD, Lacona, N. Y.

Herdsman Wanted

At Once!

Must be able to produce results as this is an up-to-date farm of pure bred Holsteins on three-time milking — an expert herdsman with knowledge and experience in feeding and breeding etc.

Good wages for the right man, plus advancement as he proves his ability. House available on farm. A good group of men to work with.

If you spend your money for booze, don't spend your time writing.

SIDNEY P. WHITE
Andover, Mass.

WHERE HOLSTEINS HAVE BEEN BRED AND DEVELOPED FOR 56 YEARS.

FOR SALE

8 daughters of King Bessie Pride Inka, a two-star bull, between five and seven years old. Two of these daughters are on official test and have produced 10,445 lbs milk, 361 lbs fat in 165 days, one now on test in Class C and will finish with about 600 lbs fat.

20 Calf Club calves born from August, 1941 through to March, 1942. A number of these are sired by an "Educator" bull who is rich in Pabst breeding, out of "Homestead" and Sir Inka May bred dams.

Also Spring and Summer freshening cows.

FOR INFORMATION WRITE
INTER-COUNTY DAIRY CATTLE ASS'N
BOX 177 WAUKESHA WIS.

FOX BROS. DISPERSING

To dissolve the partnership, Fox Bros., Cortland, N. Y., are offering their herd of 80 registered Holsteins in a complete dispersal on Wednesday, April 1, at their farm located between Cortland and Cincinnatus on Route 41. This is an accredited and Bang's Approved herd, rich in Ormsby blood, including 20 daughters of the present herd sire, Thendara Nebo Pledge Onyx, a three-year-old of Frank Decker's breeding; also 28 daughters of a former herd sire, Round Barn Winterthur Ormsby Great and 9 daughters of Alcartra Netherland Ormsby, a grandson of Carnation Mistland Ormsby. The herd is entirely of their own raising, except for the herd sire, and averages 3.6% at the shipping station. The sale is under the management of R. Austin Backus.

To meet current tire rationing problems, a group of Hunterdon and Warren county milk distributors formed the West Jersey Retail Milk Dealers Association and have inaugurated every-other-day deliveries. Martin J. Sheridan of Blossom-Hill Farms, Lebanon, heads the group.

The 142nd Earlville Sale

Wednesday, April 8, 1942

Starting at 10 A. M. War Time — Sale Auditorium — Earlville, New York

BLOOD OF THIS PROVEN SIRE

LATHROP STAR HOMESTEAD

Winner of the Mount Hope Index prize in 1934. A daughter, a granddaughter and a great grandson selling, consigned by Charles S. Chaffee, Ulster, Pa.

LOCATION

Earlville is located on Route 12-B at the Madison-Chenango County Line, 11 miles south of U. S. 20. It is 40 miles southeast of Syracuse, 30 miles southwest of Utica, 50 miles north of Binghamton.

TRAINS MET BY APPOINTMENT At Utica or Syracuse

150 Reg. Holsteins
T. B. ACCREDITED NEGATIVE
Mastitis Tested
All Treated for SHIPPING FEVER

BLOOD OF THIS PROVEN SIRE

MONTVIC CHIEFTAIN 7TH

The only sire of the breed with a 5% index in HIR. His son selling, also a son of one of his best daughters, consigned by Dan Mayne, Rochester, N. Y.

125 Fresh Cows and Close Springers

A Few Fall Freshening Cows — Some Bred and Unbred Yearling Heifers
About 25 Young Heifer Calves Selling after their Dams
15 GOOD BULLS — READY OR NEARLY READY FOR SERVICE

50 Head from Canada

All from Free List Herds
CAN GO TO ANY STATE
These include a carload of real tops from York County, Ont., rich in Johanna Rag Apple Pabst and Tom Dent breeding. These are mostly fresh cows with baby calves at side or close springers, bred to some of Canada's best bulls and all with type and production with high test.

Mail Bids Accepted

If you cannot attend, you can mail, phone or wire instructions to the Sale Manager, telling what you want, giving ages desired, if fresh or springing and what you want to pay. Several parties bought with satisfaction at the March Earlville Sale by this method.

40 HEAD SELL BEFORE LUNCH

Sample Offerings

CHAS. S. CHAFFEE, Ulster, Pa. sends a beautiful six-year-old daughter of Lathrop Star Homestead (see picture) with 438.5 lbs fat, 11,183 lbs milk on 2X . . . also a four-year-old granddaughter of Lathrop Star Homestead with 405.8 lbs fat, 12,686 lbs milk as a junior 2-yr-old . . . both due right after sale by Wimbledon Dean Pearl, son of the All-Time All-American, Wimbledon Dean Marathon from a dam of the Lashbrook Pearl Ormsby family. Also a son of Wimbledon Dean Pearl from a Star granddaughter that has 346 lbs fat in first 186 days, second dam 606 lbs fat.

MONFORD S. KELSEY, Canastota, N. Y. has purchased another Osborndale bull so consigns the one he bought of them in the January 1941 Earlville Sale — a grandson of Sir Bess Ormsby May and Sir Piebe Inka May Fayne, 9 of his ten nearest dams average 962 lbs fat with 3.8% test. Mr. Kelsey also sends a 2-yr-old heifer sired by a grandson of Montvic Pathfinder and County Paul Echo Posch and from a dam with 464 lbs fat, 3.6%, 2X.

C. G. WILLCOX, North Norwich, N. Y. consigns two 6 months old daughters of R M F Falison, whose two nearest dams have made four records averaging well over 1,000 lbs fat.

WARD LOOMIS, Bainbridge, N. Y. sends three show calves sired by an 800-lb grandson of Sir Inka May.

DAN MAYNE, Rochester, N. Y., sends a son of Montvic Chieftain 7th (see picture) from a King Ormsby Ideal 15th dam with 579 lbs fat at 4 years . . . also a February yearling bull by Carl Wooster's Dean bull and from a great Chieftain 7th daughter, next dam Chapman's brood cow, Pebble Beach Chloe.

Send for Catalog and Information

R. AUSTIN BACKUS

Sale Manager, Mexico, N. Y.

BUYS 2ND MAYTAG BULL

Maytag Dairy Farms, Newton, Iowa, report that the bull, Maytag Ormsby Fobes 2d, advertised in their World space February 14, was sold almost as soon as the advertisement appeared, to Ronald Chapman, Ruthven, Iowa. This calf is a son of the Maytag junior sire and National Blue Ribbon winner, Maytag Ormsby Fobes, Maudlene's son, and the dam is Bess Ormsby Skylark Creator Lass (705.7 lbs fat, 3.9%, at 2½ yrs), who was a top winner with Maytag show herds for the past three seasons. Mel Campbell writes: "This is the second Maytag bull to head this herd, the first being Man-O-War Inka Prince, son of Man-O-War 30th from an 832-lb fat daughter of Prince Ormsby Inka May. Mr. Chapman is one of Iowa's best young breeders and is building an outstanding herd of Holsteins that will average over 500 lbs fat this year on 2x milking. He was much impressed with Maytag Ormsby Fobes 2d, his great young sire and dam, his two granddams and his many sisters as well as sisters of his sire and dam. We certainly had plenty of closely related animals to show him. We are retaining a showing interest in this bull and Mr. Chapman plans to show him at the Spencer Fair and District Show as well as at Iowa State Fair and Waterloo if we do not use him with our own show string."

For

Iowa Holsteins Come to Iowa

●

Let us help you find the kind you want.

●

Iowa Holstein Breeders' Ass'n

Box 298

Waterloo, Iowa

STEWART HEIFER NEW CLASS LEADER

Lillian Pride Sunbeam 2051469, bred and owned by Paul P. Stewart, Maynard, Iowa, has just been announced as the new national leader in the 10-months division, Class C, for junior two-year-olds, with her record of 14,357.8 lbs milk, 3.9%, 557.6 lbs fat. She displaces as champion the 549-lb producer, Empress Colantha Prilly 945390, whose record was made in 1926 in the herd of Mrs. F. Stenzel, San Lorenzo, Calif.

This heifer is a double granddaughter of Sir Pride Superba, son of Pride of Sir Piets and sire of Sunbeam Pride Transmitter, the Stewart senior herd sire. Her dam is Miss Pride Model Lass, Iowa State Champion Class B senior 2-year-old, 10-months division, with 612.9 lbs fat. The next dam has 625 lbs fat as a Class B senior 2-year-old, 365 days.

The new champion is maternal sister to the toppy young bull consigned by Mr. Stewart to the 28th Anniversary Sale, March 30, at Waukesha, Wis.

BUY HALF INTEREST

George Mueller and Son, Lone Tree, Iowa, announce that they have recently purchased a half interest in Kelleyna Sir Bessie Monogram Tidy 759692 from J. J. Kelly of Waterloo, Iowa. This bull will be remembered as the first prize junior yearling at Missouri State Fair, 1939, third that same year at the Dairy Cattle Congress. He is the sire of the 4th prize junior get of sire at the 1941 Cattle Congress, and sire of the Honorable Mention "Tidy" junior yearling bull shown last year by Mr. Kelley.

He is a son of Sir Bessie Monogram out of a daughter of Sir Bess Ormsby Fobes 73rd with over 600 lbs fat, 4% test, two-time milking. He will be mated to the daughters of King Bessie Monarch and Forum Factor in the Mueller herd.

HAMER SIRE PROVEN

Sir Pietertje Boy Creator, senior herd sire of O. L. Hamer & Son, Waterloo, Iowa, has been reported with an index of 681 lbs fat, 3.59%, 18,980 lbs milk in 10 Herd Test daughter-dam comparisons. He was proven by the Iowa Training School, Eldora, Ia., where he has been on lease for a number of breeding periods. He will be 11 years old in June, and is still in active service in the Hamer herd. He increased production by an average of 1,730 lbs milk, .2% test, and 76 lbs fat. He also has a production index in DHIA work.

IOWA STATE SALE SUCCESS

A wire from Secretary E. M. Wright of the Iowa Holstein Breeders Association, reports that the 39 cows and heifers in the Iowa State Sale on March 19 at Waterloo brought the fine average of $232, with the 11 bulls averaging $229 and the 13 4-H heifers averaging $103, the make the grand average of the sale above the $200 mark. The Iowa State Penitentiary, Ft. Madison, topped the sale with a bull taken by the Lynn County Artificial Breeding Association, Cedar Rapids, at $335. High cow was sold by Wylam & Sons for $300 to Chas. Toyer & Sons, Wellman, Iowa, her baby bull calf going to Verle M. Sessel, Oelwin, Iowa, at $210. The high 4-H heifer was sold by Carl Miehe, Maynard, Iowa to Junior Haak, Marion, Iowa at $150. A more complete report will appear when we receive the marked catalog.

MAYTAG SALES

Recent sales of females from Maytag Dairy Farms include three cows to Haggeman & May who have a fine Holstein herd established at Rippey, Iowa and who have made many purchases from Maytag in the past 18 months. They include a dam and daughter, the dam by DeCreamCo Calamity Posch and the daughter by Posch Ormsby Fobes; also a milking daughter of Sir Skylark Ormsby Fobes. These cows will make them fine foundation animals.

LENTH & NIEMAN DISPERSAL

(Continued from page 22)

Lizzie Ormsby Senator Lenth (5-2-41) 200
Lenhaha Lizzie Perfection Ormsby 1754207 (4-16-34) 290
H. E. Yaw, Iowa Falls, Iowa:
Jessie Ormsby Colantha Lenth 2237484 (2-16-40) 230
Governor Fobes Alcartra Laura 1981634 (9-26-37) .....
W. D. Mitchell, Reinbeck, Iowa:
Jane Ormsby Fobes Mercedes 2224028 (3-25-40) 205
Terra Tritomia Ormsby Fobes 2143095 (12-8-39) 235
Fred Pernot & Son, Eau Claire, Wis.:
Male, Nieman Bessie Tritomia Senator (twin) 9-23-41) 200
Albert G. Reeves, Dodgeville, Wis.:
Betty Tritomia Bessie Nieman 2052263 (9-28-38) 250

20 Years from Tritomia—

BUT we are still clinging to the line started in our herd by this great son of Sir P. O. M. Innumerable sons, grandsons, and great grandsons of Tritomia, or his brother, "37th," have been used.

We can offer a selection of bull calves of this close-up Ormsby breeding today—the kind that are winning All-American honors for Iowana breeding every year.

Among them:—
Iowana Ormsby Fryslan, son of Tritomia
Sir Pietertje Ormsby Wayne, "37th" son
Prince Ormsby Aaggie Pontiac, Tritomia grandson
Wisfob Ollie Fryslan, Tritomia grandson
—to mention only a few.

Write to—

IOWANA HOLSTEIN FARMS — Bettendorf, Iowa

R. S. MACKINNON DISPERSING

The dispersal of the famous Armac Holstein herd of R. S. Mackinnon, Maple, Ont., is announced by Sale Manager L. E. Franklin to be held Saturday, April 11, at the farm, 15 miles north of Toronto. Because of his ill health, Mr. Mackinnon is selling his entire milking herd and herd sires, retaining only the yearling heifers and heifer calves as a nucleus for a new herd. This is one of the well known herds of the Toronto area and in recent years has been built quite largely on Mount Victoria lines. In this herd was proven Montvic Pathfinder 4th, the best proven son of Pathfinder to date and full brother to the All-American "Black Beauty." Six good record daughters of this sire are included in the sale offering. The present senior sire, Montvic Posch Chieftain, is a son of Montvic Chieftain from Montvic Rag Apple Pietje Posch, with 841 lbs fat, 4.13% test. This bull, now just five years old, is a full brother to Montvic Chieftain 10th that sold in Waukesha Sale last year for $1,500, and he is also full brother in blood to the highest record daughter of Chieftain. The junior sire is a high record Hays bull, with plenty of 100,000-lb backing.

The herd is on Canada's Free List and can go into any state.

NATIONAL HIR LEADER

The National Association announces that Vernway Princess Fayne Johanna, owned by Emil Youngquist, Mount Vernon, Wash., holds first place in two age classes in the revised list of national leaders on Herd Improvement Registry test.

"Princess" topped the nation's 15-year-olds on two milkings daily with 529 lbs fat in one year; and she exceeded all 16-year-olds in the same milking classification with a record of 570.1 lbs fat. This latter record was made in 365 days starting when she was 16 years 11 months old, or more than twice as old as the average cow is when her productive days are over.

PBR FOR FOURTH TIME

The University of Idaho, Moscow, is the first Holstein owner in the U. S. to receive the coveted Progressive Breeders' Registry Certificate for four consecutive years. In the development of the University of Idaho herd a succession of proved-good bulls have been used, several of Hazelwood breeding, and in recent years bulls from Carnation; Blount Lumber Company, Lacona, N. Y.; Oscar Sletta, Madelia, Minn.; and Albert Jagels, Buhl, Idaho.

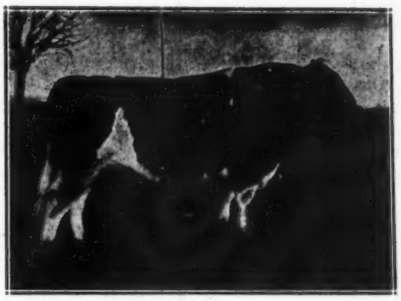
Present herd sires include a proved son of Matador Segis Ormsby, and a son of Sir Romeo Mildred Colantha 6th. The current Progressive Breeders' award is based on the herd of 56 registered Holsteins, 30 of which have freshened. Every one of these is home bred. The 22 cows completing at least 300 days of production last year averaged 504.5 lbs of butterfat. The herd's average classification score is 82.4 points.

Mr. Roscoe Sheller, owner of Pioneer Farm, Sunnyside, Wash., reports the sale of Pioneer Romeo Segis, a young bull of Marathon Bess Burke and "Sandy" breeding, to Jos. R. Emick, Toppenish, Wash.

Another recent purchaser at Pioneer Farm was Huntzinger and Sons of Yakima, Wash., who selected Pioneer Sandy Skylark Emperor, son of a 2-year-old "Sandy" bred heifer that made 443.2 lbs fat in 267 days, Class C, with her first calf.

Buy War Bonds and Stamps

New Index For Sir Pietertje Boy Creator



Our Senior Sire—Born 1931
10 dtrs—
17,250 M. 3.49% 602 F.
10 dams—
15,520 M. 3.39% 526 F.
B Index—
18,980 M. 3.59% 681 F.
(On Herd Test)

We offer his sons from daughters of **Montvic Chieftain Posch**, our sensational junior herd sire. It never hurts to ask.

O. L. HAMER & SON — Waterloo, Iowa

NEW NATIONAL CLASS LEADER

Lillian Pride Sunbeam 2051469

Fat	Jr. 2	305d	557.6
Milk	Class C	3.9%	14,357.8

(Previous record stood for 16 years)
12 State Leaders — 2 National Leaders

PAUL P. STEWART — MAYNARD IOWA

Small—But Good!

A 10-cow herd of King Bessie, Rag Apple and King Ormsby of Iodak crosses, where each matron is an outstanding producer, and type is pleasing to the eye—

THAT'S HALDANE

When you want seed stock bred to transmit real merit, write

HALDANE FARM

Certified — Accredited
H. J. DANE, Iowa City, Ia.

A Son of Posch Ormsby Fobes 11th Should RAISE Your Herd Average From— TO HERE

Iowa's highest DHIA index sire. Raised production 4,741 lbs milk, 135 lbs fat on 12 pairs, 305d, 2x milking.

A grand champion, and sire of 1st prize get of sire, Waterloo and Des Moines, 1940, many prize winners at same shows, 1941. One Reserve All-American 3-yr-old A R daughter with 875 lbs fat, purchased for $2,500 in 1940 by Pabst Farms.

Visitors welcome. Pedigrees on request.

HERE — Roy Finster & Wm. Eckel — ELDORA IOWA

Armac Dispersal

Entire Milking Herd of R. S. MACKINNON

Saturday—April 11

At the Farms — Maple, Ontario
(In York Co. — 15 Miles from Toronto)

35 Reg. Holsteins

T. B. ACCREDITED — FEDERALLY LISTED
(Can Go into Any State)

Senior Sire, MONTVIC POSCH CHIEFTAIN
Full brother to Montvic Chieftain 10th that sold at Waukesha last year for $1,500; and 100% brother to Montvic Chieftain Posch, with 943 lbs fat, 4.25%, at 3½ years. He is a son of Montvic Chieftain from Montvic Rag Apple Pietje Posch (841 lbs fat, 4.13%).

Junior Sire — HAYS' MARMADUKE 6th
From a show dam witb 833 lbs fat, 3.8% at 4 yrs. and backed by five 100,000-lb dams close up on both sides.

Six Daughters of MONTVIC PATHFINDER 4th
All with fine records, two over 17,000 lbs milk and 600 lbs fat at 2 yrs on 3X. This sire is Pathfinder's best proven son and is full brother to the All-American "Black Beauty."

GREAT RECORD FOUNDATION COWS SELLING
Leaders in monthly ROP reports with records up to better than 20,000 lbs milk.

BUYERS COMING BY TRAIN WILL BE MET
At Royal York Hotel, Toronto
By Appointment
For Catalogue and Information, Write

L. E. Franklin, Sale Manager
360 Adelaide St. West, Toronto, Ont.

78

New "World" Advertisers

From 22 States

34 Bang's Vaccinated Herds

24 Bang's Certified Herds

The nation's progressive breeders are listing their herds in the BREEDER'S DIRECTORY, which will appear next in the April 11 issue of the WORLD.

12 Listings Only $6.00

Send your name, address, county, size of herd, form of production testing, herd health status (if vaccinating year started), principal line of breeding or herd sire. Remittance should accompany this information.

Join the Progressive Breeders Now

HOLSTEIN-FRIESIAN WORLD

Lacona, New York

New York State Leaders

(Continued from page 16)

Illinois

Gilt Edge Barbetta Colantha 2096518 B2-9-6 17568.1 3.4 596.9
Mooseheart, Mooseheart, Ill. (C.C. 181d)

Iowa

Miss Pride Model Lass 1958998 ..... C3-9-26 13019.5 3.9 501.6
P. P. Stewart, Maynard, Iowa (C.C. 167d)

Lillian Pride Sunbeam 2051469 ..... C2-0-10 14357.8 3.9 557.6
P. P. Stewart, Maynard, Iowa (C.C. 195d)

Maryland

SX Rex Bess Ormsby Fobes 1885780 .. B4-3-5 20867.1 3.7 761.7
J. M. Dennis Jr., Riderwood, Md. (C.C. 185d)

Dunloggin Ormsby Bessie 1908502 .. B3-10-0 17681.0 3.9 685.6
J. Natwick & Co., Ellicott City, Md. (C.C. 199d)

Michigan

Marquette Marathon Burke 1960865.. B4-6-20 22298.6 3.5 791.2
House of Correction & Prison, Marquette, Mich. (C.C. 185d)

Marquette Alexia Fobes Sue 1947855 B3-7-5 17866.1 3.6 641.7
House of Correction & Prison, Marquette, Mich. (C.C. 221d)

Missouri

U-Mo Vesper Man-O-War Ormsby Louise 1880011
..... B4-8-17 17147.6 3.7 629.3
University of Missouri, Columbia, Mo. (C.C. 178d)

North Carolina

North Carolina Echo 1603851 ..... B8-8-22 18569.1 3.6 674.2
North Carolina State College, Raleigh, N. C. (C.C. 168d)
(Also first in state regardless of age in Classification B)

North Carolina Airess 3d 2008590 .... B2-8-8 15129.9 3.5 531.9
North Carolina State College, Raleigh, N. C. (C.C. 224d)

Ohio

Fairhurst Alice Plus Bessie 1986390.. B3-1-23 17150.1 3.4 581.4
Leroy Kittle, Holland, Ohio (C.C. 169d)

Wisconsin

Sowiscol Posch Creator Esther 1783839
..... B5-5-22 20118.4 4.2 840.0
So. Wis. Colony & Tr. School, Union Grove, Wis. (C.C. 154d)
(Also first in state regardless of age in Classification B)

Pabst Belmont Cascader 2012714 .... B2-0-20 18171.7 3.3 605.8
Pabst Farms, Oconomowoc, Wis. (C.C. 197d)

Breeding Efficiency of Bulls

(Continued from page 11)

bulls to sell are strictly honest in their recommendation regarding the breeding efficiency of the animals which they wish to sell. It is entirely possible that the stated requirement regarding breeding efficiency has had some degree of influence on bringing about this honest appraisal of the breeding conditions within a herd, but we believe there is a genuine desire on the part of the man who has kept and tested an aged bull to see that he goes to a good home and that he proves satisfactory in his new surroundings. We also believe that a great deal of the satisfactory results from moving and using aged bulls depends upon the purchaser. It is not altogether by chance that every aged bull we have moved into our herd has been a fairly satisfactory breeder. We always attempt to see that these bulls were moved under very favorable conditions although some of them have been moved nearly a thousand miles. We have found it more satisfactory to ship these bulls without an attendent where proper arrangements are made with the railway authorities to feed and water the animals. We might say also that we are very much in favor of moving aged bulls for long distances by rail rather than by truck. It has been a common practice with us to ship these bulls loose in one end of a boxcar rather than to have them tied. It is also recommended that a suspensory be provided for the testicles. We are quite definite in our opinion that the moving of aged bulls from one herd to another may render them sterile for a short time. We make it a practice after moving an aged bull to not use him for six to eight weeks. It takes about this length of time for a bull to settle down and become acquainted with his surroundings. In fact it has been true in a few cases that aged bulls which were somewhat questionable breeders in their former homes have been moved to our farm and under this type of management have become more satisfactory breeders.

We appreciate the fact that the increasing prevalence of infectious breeding troubles which are not easily discovered in a dairy herd may have a considerable modifying effect upon any breeding guarantee which may be required on an aged bull. For this reason, it is doubly important that a very thorough investigation should be made of the breeding history in herds where the purchase of aged bulls is contemplated. Where the transacting parties are quite sure that there are no breeding troubles of an infectious nature in their herds our data show that the requirement that an aged bull should settle 50% of his services during the first year, exclusive of his services on virgin heifers, is a fair requirement and one that any conscientious seller should not hesitate to make or live up to.

Some New Jersey Herds

By E. J. PERRY

William Phillips, Milford, N. J.

Back in 1916 William Phillips bought his first pure bred bull and in the following year his first registered cow. In 1918 two more pure breds and a grade were purchased. Since that time no outside animals have been brought in and today Mr. Phillips has a good herd of 40 head of registered black and whites. During the past 30 years he has sold 125 head for breeding purposes and quite a few other animals on which the registration papers were not wanted. The average milking life of the cows in the Phillips' herd is seven and one-third years and the average number of veterinary calls has been two per year. The herd has been on the herd improvement registry test for the past five years with an average in Class C of 10,947 lbs of milk and 370 lbs of fat for sixteen cows. The latest average is 10,600 lbs of milk and 380 lbs of fat.

Two bulls that have made a marked contribution in recent years are Greenwood Dean Ormsby Jafsie, a son of Dean Colantha Pearl Ormsby and Bellecrest Admiral Ormsby, a son of Admiral Beechwood Ormsby Fobes. Several good females have also been obtained through membership in the No. 1 Breeding Association where the bull known as "Alice" is still being used. Mr. Phillips, who is a director of the N. J. Holstein Asociation, is strong for good bulls.

G. S. Katzenstein

One of the leading Holstein herds in New Jersey for many years has been that owned by Mr. G. S. Katzenstein of Andover. The one sire that did an outstanding job was Franklin King Doede Rodmer Ormsby. His first 15 daughters average 12,500 lbs of milk and 470 lbs of fat with a 3.8% test on twice-a-day milking. He was bred to exceptional cows too but he managed to raise the fat test four points and the total fat about 40 lbs per daughter. Mr. Katzenstein says that this sire was literally worth thousands of dollars to him because the increased fat test of his progeny has helped him to hold his milk market for the past dozen years and in addition has made it possible for him to sell quite a number of breeding animals at a premium price. This bull was a paternal grandson of North Star Doede Champion and his dam, Franklin Ormsby Vale Rodmer, a granddaughter of King of the Ormsbys, was one of the great cows of New Jersey, with a ten year milking lifetime, butterfat test of 4.1% and approximately 500 lbs of fat on twice-a-day milking basis. "Rodmer" as he is known to hundreds of New Jersey dairymen was used in the Sussex County Artificial Breeding Association during the last year and one-half of his life and by this means more than 100 additional daughters were obtained from him just before he passed out of the Holstein picture at the ripe age of fourteen years.

C. V. N. Davis

The present outstanding herd of registered Holsteins owned by C. V. N. Davis of New Center, Somerset County, New Jersey, received a powerful impetus from King Ona Ormsby 2nd, that was used for several years beginning in 1927. Mr. Davis frankly states that the work of this sire opened up new vistas of pure bred opportunity in the dairy business. Before his advent in the Davis herd picture, the owner's idea of the bull business was that registered sires averaged up better than grades and that it was important, therefore, to try to get a pretty good looking pure bred bull from a reputable breeder. The work of "King" however, revealed a remarkable difference in transmitting ability of the male of the species. His first ten daughters averaged in D.H.I.A. production 14,785 lbs of milk and 505 lbs of fat on the mature twice-a-day milking basis. This was an increase of 2,028 lbs of milk and 96 lbs of fat more than the dams of the daughters. Not only were the daughters better in production but they are appreciably superior in type to their dams. The butter fat test was two points higher also. Today the Davis herd averages 11,375 lbs of milk and 429 lbs of fat on two times a day milking for his 40 cow herd. This sire is very largely responsible for such a creditable performance. He was a paternal grandson of King Ona and his dam was Hillsboro Model Korndyke, one of the good cows in the herd of P. P. Van Nuys, who consigned the animal to the New Jersey State Sale where Mr. Davis bought him.

For the past several years Mr. Davis has been cooperating with the New Jersey Experiment Station in the proving of young bulls of the Ormsby Sensation 45th strain. He is also a director of Cooperative Breeding Association No. 1, the sires of which he is using for the breeding of part of his herd.

Lester Harris

Lester Harris of Hancock's Ridge is one of the good farmer breeders of Holsteins in Southern New Jersey. Early in his career as a progressive dairyman he recognized that "blood tells" and decided to tie to good bulls. One of the first ones he used as a young man back in 1925 was King Ormsby Pontiac Cagnes 451937, a paternal grandson of King of the Ormsbys and out of Susie Hengerveld Pontiac, a granddaughter of King Pontiac Abbekerk. Mr. Harris was particularly impressed by the performance and particularly the fat test of the dam. Her yearly test was 4.05 per cent. The paternal granddam, Agnes Pietje had very good records for 7 and 30 days but these were of little or no help in gauging the true fat percentage of her milk. That "Susie" was a "humdinger" in transmitting fat test through her son is revealed by the fact that his 11 daughters from tested dams averaged on the mature, two times milked basis, 12,172 lbs of milk and 481 lbs of fat, with a 4 per cent test based on D.H.I.A. records. This was 55 lbs of fat and

(Continued on page 40)

Bulls Bred for 4% Test

We are now using two bulls whose dams test 4.4% for the year and believe they should get us high testing daughters and sons that will sire high test.

OUR HERD TEST 3.7% FOR TWO YEARS

And many of the young bulls we offer are backed by 4% average for two nearest dams.

A Fine Assortment Available at Farmers Prices

Hartsbrook Farm

E. P. & O. C. WEST, Hadley, Mass.

FOR SALE

Choice breeding stock, male and female, all ages, any number, sired by sons of—

MATADOR SEGIS ORMSBY
INKA THE GREAT
GOVERNOR OF CARNATION

Backed by test, type, production.

ACC. — CERT. HERD
Write for Prices

MRS. GLEN C. WILSON
Milan, New Hampshire

The New England States Holstein Friesian Association

T. E. ELDER, President
H. J. SHAW, Secretary
A. P. BIGELOW, Treasurer

Join Now!

All New England Holstein Breeders are invited to become members of the New England Association as well as their own State Associations.

ANNUAL DUES $2.50
With 50c Returned to the State of Origin.

Send Dues to
A. N. CRISSEY, Field Rep.
360 Worthington St.
Springfield, Mass.

Milco Hoesly Star

His sire: A ¾ brother to Johanna Rag Apple Pabst
His dam: A 789-lb, 3.8%, granddaughter of North Star Joe Homestead.

He's Siring
UDDERS — HIGH TEST — HIGH PRODUCTION
His Sons For Sale From Record Dams

Milwaukee County Institutions Farm

E. C. Thompson, Farm Manager — Wauwatosa, Wis. — Accredited Approved

Offering a Toppy Son of

Montvic Rag Apple Chief

IN THE MICHIGAN STATE SALE
Thursday — April 2
Michigan State College — East Lansing

"Chief" is by Raymondale Ideal Successor from the 930-lb fat, 4.3% Montvic Rag Apple Papoose, full sister to Montvic Chieftain.

MARTIN D. BUTH — Comstock Park, Mich.

Daniel Kocher Dispersal—April 15

31 HEAD OF REGISTERED HOLSTEINS AND 3 GRADES

7 cows averaged 445.5 fat, 3.87%, CTA, two-time milking.

Offering includes 10 cows from 2 to 8 years old, three freshening in Feb. and March—9 two- and three-year-old heifers due this fall, sired by King Bessie Plus 28th whose two nearest dams average 934 lbs fat. All heifers bred to my 2-yr-old herd sire (selling) King Ford of Cedar Bluff 799921. His dam has 584 fat, 4.2%, 342 days, and other two nearest dams average 526.8 fat, 4.2%. 7 heifer calves and 2 bull calves by "Ford."

Herd T. B. and Bang Tested. Sale starts 12:15, lunch on grounds. 5 miles S.E. Newton, Ill. on route 130, 2 miles east on 130A, then north 1¼ mile on gravel road. Terms cash or by check. Parties unknown should bring letter of credit from their bank.

Daniel Kocher RFD.3 — Newton, Illinois

Holstein Sale—Friday April 10

This is a complete dispersal of an entire herd owned by John Martig, Louisville, Ohio. 45 purebred Holsteins and 5 good grades. A large number of fresh cows, close springers, summer cows, etc. Open and bred heifers and young calves. Good breeding, good type and high producers. One good yearling bull. T. B. and Bangs tested.

Sale at farm 6 miles northeast of Canton, Ohio on U. S. route 62, turn north on Bentler Rd. ½ mile to first farm lane on the left.

Managed by—

OHIO HOLSTEIN-FRIESIAN ASS'N.
152 W. Liberty St., Wooster, Ohio

141ST EARLVILLE SALE

(Continued from page 31)

C. Glorie, Oxford, N. Y.:
Male, Cedar Dale Man-O-War Dick 116292C (1-19-36) 235
(Daniel W. McLeod, Dalkeith, Ont.)

Harry E. Wanmer, Thomson, N. Y.:
Bessie Colantha Lillian 2105899 (7-18-39) 220
(Erik J. Agren, Sherburne, N. Y.)

Ira Carpenter, Middletown, N. Y.: (4)
Karlcrest Colantha Vale 1996608 (1-30-38) 205
J. & E. J. Karlen, Rome, N. Y.)

Alton H. Dillenbeck, Fonda, N. Y.:
Ormsby Hartje Maid 1908098 (4-4-36) 240
(Riverside Farm, Cortland, N. Y.)

W. T. Conkling, Earlville, N. Y.:
Albrice Colantha of Fallon Dale 2d 1860168 (10-10-35) 250
(Paul H. Dean, Ithaca, N. Y.)

Ray Kilmer, Hudson, N. Y.:
Retso Colner Veeman 2069077 (7-4-39) 200
(Mrs. Nellie P. Kegebein, Munnsville, N. Y.)

Byron Fancher, Summit, N. Y.:
Meadowmere Lassie Pontiac 361211C (8-26-36) 200
(E. R. Fairbank, Jamesville, N. Y.)

H. N. Stahl, Oxford, N. Y.: (2)
Elmville Jenny 33974C (1-5-36) .. 215
(Robert Merritt, Napanee, Ont.)

Ronald Meade, Tunnel, N. Y.:
Elmville Guillemette 383360C (5-28-37) 255
(Robert Merritt, Napanee, Ont.)

Albert E. Bertram, Schoharie, N. Y.:
Springholm Jemima Baroness 338650C (6-15-36) 200

Other buyers include (New York): Angelo Fabrizi, Clifton Springs; K. Negebauer, Oneida; H. J. Adsitt, Tully; Paul Dean, Ithaca; Donald Jackson, Greene; J. W. McMahon, Richmondville; A. M. Larsen, King Ferry; Harvey Watson, Earlville; Betty J. Sipos, S. Kortright; Tony Yakos, Fly Creek; P. McCarthy, Manlius; Wm. Margison, Mangaup Valley; Clyde L. Higins & Son, Burlington Flats; Robert J. Schultes, Schoharie; A. Roth, Clarence; Mrs. Grace S. Bull, 110 Scottholm Blvd., Syracuse; Chas. W. Gavette, Hamden; Howard A. Pohl, Boonville; C. B. Marshall, Morrisville; L. E. Benedict, Manlius; Frank T. Keough, Jamesville; Walter L. Rewald, Venice Center; C. Lester Merchant, Gansevoort; Will J. Pike, N. Norwich; Ernest Thornton, Boonville; N. D. Spicer, Earlville; Clarie H. Pierson, Marathon; John Purinton, Gansevoort; W. A. Close, King Ferry; J. Guy Stocks, Owego; Walter Westendorf, Hamilton; Gordon Ames, Ballston Spa; J. T. Reagan, Marcellus; Robert C. Church, Baldwinsville; G. W. Burrows, Harpersfield; Corry Murray; Moravia; Clarance Cole, Richmondville; Joe Julia, Madison; Bruce Harter, Jordanville.

S. P. White, Andover, Mass.; Percy Benson, Tunkhannock, Pa.; B. S. Halteman, Souderton, Pa.; Clifford Demoney, Hallstead, Pa.

SUSPENDS "FOR THE DURATION

Directors of No. 1 A District Agricultural Association, State agency which sponsors the Grand National Livestock Exposition, announces suspension of the show "for the duration" or until the Army gives consent now withheld from large gatherings in the Western Defense Zone.

Harold F. DePue, who had been engaged as show manager under a long term contract, and staged the very successful opening show in 1941, has resigned, preferring not to remain idle during this time of national emergency.

SOUTHERN BREEDERS

We have been breeding fine Holsteins for 21 years. Our Holsteins are acclimated to Southern conditions; they thrive in the sunshine.

We offer young bulls and calves from dams classified GP, VG, and EX, with Class B records of 600 to 800 lbs fat. Sunshine bulls will transmit good udders —profitable production.

Jim Maverick,
SUNSHINE RANCH
San Antonio, Texas

BANCROFT ACRES DISPERSAL

Swartz Creek, Mich.—95 Head—Sat., April 4

The World staff prepared our two-page announcement in the last issue from entries in the hands of our catalog printer. Unfortunately all of the entries were not yet in. We are selling our entire herd of 95 HEAD, including EMPIRE ORMSBY MARATHON, our 10-year-old proven herd sire out of the great cow shown at the right! It's a real opportunity for some wide-awake bull association!

The Offering Includes:

7 "Marathon" Dtrs.—6 bred to him
CARNATION KING— Our son of "Governor"
KING BESSIE JACQUELINE—4-yr-old Jr. Sire
17 Top Cows Bred to CARNATION KING
SEE MARCH 14 ISSUE FOR MORE DETAILS

A real selection of top young cows representing Michigan's leading bloodlines, many of them top priced animals at Michigan sales. Many just fresh or due about sale time. The entire herd has just passed its fourth consecutive clean Bang's test — all cattle T. B. and Bang's tested within 30 days.

Three Big Days in Michigan

Buyers from a distance can save tires and traveling expense by coming to Michigan for the State Sale, April 2 and staying through for our sale, April 4 and the Lester Houghten Dispersal, April 6. An offering of 220 head to select from!

HER PROVEN SON SELLING!

MANKATO DE KOL ORMSBY 4TH
Fat 4½y 3.7% 853.7
Fat 7 y 3.9% 1,057.1

A brood cow with three AR daughters, and many times a grand champion show cow. She is the dam of EMPIRE ORMSBY MARATHON.

Sale begins 10:30, at the farm, Swartz Creek, Near Flint
GLENN L. BANCROFT, Owner

For Catalog—Write C. B. Smith, Auctioneer, Pinconning, Mich.

Fox Bros. Dispersal Sale

(To Dissolve the Partnership)

At the Farm—4 Miles West of Cincinnatus, N. Y.

(Under Cover — On Route 41, 10 Miles East of Cortland)

Wednesday — April 1 — Starting 10 a. m.

80 REGISTERED HOLSTEINS

HERD T. B. ACCREDITED — BANG APPROVED CERTIFICATE No. 2320
Can Go into Any State, Including Pennsylvania

Herd sire, **THENDARA NEBO PLEDGE ONYX**, a 3-yr-old bull of rich Ormsby breeding from Frank N. Decker's Thendara Herd. 20 young daughters of this bull selling. Also 28 daughters of **ROUND BARN WINTERTHUR ORMSBY GREAT**, rich in the blood of Winterthur Farms of Delaware. 9 daughters of **ALCARTRA NETHERLAND ORMSBY**, grandson of the $4,000 Kellogg bull, Carnation Mistland Ormsby. These daughters all pasture bred to the Thendara bull.

EVERY ANIMAL EXCEPT THE HERD SIRE RAISED ON THE FARM

King Bessie, Posch and Ormsby blood in addition to that already mentioned. The herd included 21 cows from 3 to 8 years old, 13 three-year-olds, 11 two-year-olds, 14 yearlings and 20 calves from one week to 11 months old.

40 Fresh Cows and Close Springers —Herd Averages 3.6% at Milk Station
COME AND LOOK THIS HERD OVER ANY TIME
Parties from a Distance will be Met at Cortland or Binghamton by Appointment
WRITE FOR CATALOG AND INFORMATION

Fox Bros. Owners — **R. Austin Backus, Sale Mgr. & Auct.**
Cortland, N. Y. Mexico, N. Y.

A Pair of EMPEROR Sons

Both from Good Record Daughters of Sir Inka May

CARNATION EMPEROR

First prize aged bull, Ohio State Fair 1938 and sire of the first prize Get at Eastern States and elsewhere 1939.
A proven sire of production with high test—one of the greatest sons of Governor of Carnation from a 931-lb fat daughter of Sir Inka May, next dam the dam of Matador Segis Ormsby.

1. **WIMBLEDON INKA GLUCK EMPEROR — Born July 13, 1941**
An Emperor son from Carnation Inka Ormsby Gluck, with 758.8 lbs fat, 3.7% test, in Class B. She is a daughter of Sir Inka May from Carnation Prospect Ormsby Gluck (1225 lbs fat, 3.7% test).

His 11 Nearest Dams Average—
26,440.9 Lbs Milk — 3.8% — 1,006.5 Lbs Fat

2. **WIMBLEDON INKA EMPEROR — Born Oct. 26, 1941**
An Emperor son from Carnation Inka Houwtje Segis with 638.6 lbs fat, 3.8% test, as a Class B senior four-year-old. Her full sister has 1086.9 lbs fat with 3.9% test in Class A. She is a daughter of Sir Inka May from Matador Houwtje Segis, with 1069 lbs fat from 32,555 lbs milk.

His 10 Nearest Tested Dams Average —
27,166.4 Lbs Milk — 3.8% — 1,023.2 Lbs Fat

Here are two great prospects, both will show as senior calves next fall, both Emperor sons from high testing Sir Inka May dams, both with maternal granddams above 1,000 lbs fat, both backed by 1,000-lb fat averages for 10 or more dams.

Send Today for Pedigrees of These Two EMPEROR BULLS — Bred to Transmit

WIMBLEDON FARMS — Annapolis, Md.

H. O. NORRIS, Owner **(Accredited & Certified)** **L. H. Stottlemyer, Supt.**

SOME NEW JERSEY HERDS

(Continued from page 37)

3 points better in percentage than the dams. In 1930 the Harris herd of 15 cows was the first all registered Holstein herd in New Jersey to attain a yearly average of a 4 per cent test. According to the 1936 Red Book, the average that year was 10,263 lbs milk and 406.7 lbs fat in Class C with a fat percentage of 4 and with 294 days as the average length of lactation. Today this herd is still a very good one but it has been impossible for Mr. Harris to find a bull to duplicate the test job done by King Ormsby Pontiac Cagnes. Two have been tried, one of them an inbred son of the old bull out of his highest testing (4.3%) daughter. Evidently the "drag of the race" negatived this latter effort which held so much promise. But with his production still creditable and his average fat percentage around 3.7, Mr. Harris says he will stick to using the best bred bulls obtainable and that he knows such ones cannot be had for nothing.

MINNESOTA BULL HAWK

Every good breeder is almost always "bull conscious", as Mark Keeney expresses it. But there are few breeders, big or little, who can duplicate the record of Ernest F. Sloan, Ellendale, Minn. Mr. Sloan and his neighbor, Arthur B. Johnson, have always bought their bulls in partnership, and here is what they have dug up, before they became famous.

When Wisconsin Fobes 5th and her sire, Sir P O M 37th, blossomed out as "tops" and her sons like Admiral Ormsby Fobes and Governor Fobes, were sold at high prices, some of the wise boys started looking up the records and found that her first calf, an inbred son by her own sire, was registered as Ormsby Sensation, and was owned by a couple of small breeders in Minnesota. Yes, they were Sloan and Johnson. Julius Schmid paid them important money—and got good value for it. A little later, when Wisconsin Fobes 6th, became similarly appreciated, it was discovered that her first calf, a bull by Marathon Bess Burke had been grabbed off by that same pair of bull hawks. And again they cashed in, but not until after he had left them some real offspring, including famed Ellenvale Bonheur Ormsby Posch 3d, later chosen as All-Time All-American 4-Year-Old.

ELLENVALE PERFECTION QUEEN

First daughter of Carnation Perfection Triumph. Donald Sloan took her for 4-H and won championship of his county fair and third in class of 28 at the Minnesota State Fair.

Apparently lightning has now struck three times in the same place, as we learn that Ernest Sloan and Arthur Johnson own a 3-year-old son of Carnation Homestead Inka Mutual, purchased when she was just a promising daughter of Governor of Carnation. Now she has blossomed out with a 1248-lb fat record, made under the handicap of a 6000-mile three-months show circuit, an unheard of performance under those circumstances. Their bull, sired by Carnation Ormsby Perfection, has been an unbeaten winner at Minnesota County fairs, and his calves have started to follow in his footsteps. So good do they look that Dr. Cristopher Graham has been using him extensively in his herd also of late. Pictures of a couple of these daughters are presented herewith.

We are happy to extend congratulations to these two keen Holstein students, who have now for the third time come up with evidence of their ability to recognize future possibilities in the dams of their herd sires, which have come true in a big way.

W'ether the weather's sunny,
W'ether it's cold or hot,
W'ether it's snowin'
Or rainin' or blowin'
It's all the weather we got—
An' we jes' gota
Weather the weather,
W'ether we like it or not'

ADVANCED REGISTRY REPORTS

Holstein-Friesian Association of America

Report No. 11

Advanced Registry Report No. 11 covers 208 yearly records, 25 in Classification A, 133 Classification B, and 50 in Classification C. This fine group of records has 134 cows listed above 500 lbs. butterfat.

New state leaders include the herds of Decker Brothers, Turlock, California; Fred Eggers, Mediran, Idaho; House of Correction and Prison, Marquette, Michigan; the University of Nebraska, North Plate Substation, U. S. Dairy Station, Mandan North Dakota, and the University of Tennessee, Knoxville.

A new 100,000-lb. producer makes her appearance with Correction Fayne Molly Princess 1480041, owned by the Milwaukee County House of Correction, completing a ten-year-old, Classification B, 305-day record of 15,301.8 lbs. milk and 577.7 lbs. fat. This brings her total to 106,430.3 lbs. milk and 4,068.4 lbs. fat.

Hoesly Veritas Windsor Inka 1487998, owned by A. C. Oosterhuis, Oconomowoc, Wisconsin, has completed another record, which brings her total to date to 141,949.0 lbs. milk containing 5,371.0 lbs. fat. All of her eight records have been in Classification C, and her last, made at 10 years, 4 months of age, is 22,699.8 lbs. milk, 3.8% and 858.8 lbs. fat. She was bred by the late Baltz Hoesly, Monticello, Wisconsin.

With the completion of her twelve-year-old, Classification C record of 12,745.3 lbs. milk, 3.5% and 441.9 lbs. fat, N P Becky Bleske Piebe Ormsby 1283457, owned by the University of Nebraska, North Platte, brings her grand total to 166,878.2 lbs. milk and 5,610.7 lbs. fat.

Segis Lady Pontiac Alcartra 1300256, whose death was recently announced, had just completed a Classification B record as a fourteen-year-old of 16,889.5 lbs. milk, 3.3% and 561.9 lbs. fat. This gives her seven Classification B records and a lifetime total of 173,994.7 lbs. milk and 5,685.8 lbs. of butterfat. She was owned by Archie Allison, Cheyenne, Wyoming.

YEARLY DIVISION A

Name of Cow, Sire, Breeder and Owner	Age y.	Age m.	Age d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat ft. Lbs.
Full-Aged Class								
Bess Ormsby Fobes Barbetta 1619213 (Sir Bess Ormsby Fobes 73d)	8	7	22	365		26394.7	3.8	991.4
B., G. F. Walters, Waterloo, Iowa. O., Maytag Dairy Farms, Inc., Newton, Iowa								
Quonquont Modest Trixie 1785656 (Quonquont Sir Modest 12th)	5	3	2	365		21211.6	3.9	829.6
B. & O., F. U. Wells, Whately, Mass.								
Colette Mila Fobes 1939116 (Wisconsin Aaggie Colantha Fobes)	5	10	26	365	194	20158.4	3.8	757.4
B., J. C. Kieffer, Auburndale, Wis. O., Maytag Dairy Farms, Inc., Newton, Iowa								
W I S Jenniton Beets Mutual 1768102 (Jenniton Pontiac Beets Colantha)	5	11	12	365	243	22624.7	3.3	752.8
B., Oregon State Farm, Oregon, Wis. O., Wisconsin Industrial School, Waukesha, Wis.								
Penstate Veeman Hilda 1794295 (Clover Heights King Veeman)	5	8	5	342	237	22941.3	3.1	716.5
B. & O., Pennsylvania State College, State College, Pa.								
Bess Segis Sensation 1711631 (Sir Bess Olathe of Comyncroft)	6	7	23	365	190	20185.9	3.5	712.4
B., Dan. Grant, Afton, N. Y. O., McLaury Brothers, Portlandville, N. Y.								
Lashbrook Pearl Ormsby Pride 1849255 (Arbu Pete Pride)	5	1	0	365		17411.0	3.8	661.5
B., A. J. & Willard Lashbrook, Northfield. Minn. O., A. J. Lashbrook, Northfield, Minn.								
Colantha Lass Senator Ormsby 1667671 (Senator Ormsby Fobes of Silver Glen)	7	10	19	365	108	19686.3	3.2	633.9
B. & O., Douglas Knights, Sandwich. Ill.								
Wisconsin Beechwood Pride 1835749 (Beautymore Ormsby Pride)	5	4	11	365		18957.2	3.3	631.5
B. & O., Wisconsin State Reformatory, Green Bay, Wis.								
Penstate Creator Sally 1489651 (Pabst King Prilly Creator Caesar)	9	9	26	304	236	19478.9	3.2	623.3
B. & O., Pennsylvania State College, State College, Pa.								
Senior Four-Year Class								
W I S Ormsby Lass 1862531 (Lake Park Ormsby Fobes Count)	4	8	18	365	230	24262.0	3.7	897.8
B. & O., Wisconsin Industrial School, Waukesha, Wis.								
Bess Ormsby Fobes Glen 1865812 (Sir Bess Ormsby Fobes 73d)	4	10	29	342	196	18878.8	3.9	731.7
B., G. F. Walters, Waterloo, Iowa. O., Maytag Dairy Farms, Inc., Newton, Iowa								
Wisconsin Pietertje Creator 1835759 (Dunloggin Gopatis)	4	7	15	365	146	17671.2	3.6	637.9
B. & O., Wisconsin State Reformatory, Green Bay, Wis.								
Senior Three-Year Class								
Yankton Pietertje Segis Maid 1917148 (Redfield Pietertje Korndyke)	3	6	22	365	163	20094.1	3.9	788.1
B. & O., Yankton State Hospital, Yankton, S. Dak.								
Wisconsin Darlene Pride Burke 1913833 (Ormsby Dell Admiral)	3	7	8	365		17341.2	3.8	660.0
B. & O., Wisconsin State Reformatory, Green Bay, Wis.								
Junior Three-Year Class								
Dougvic Chieftain Rag Apple 2032676 (Montvic Chieftain 12th)	3	5	4	363	195	18033.4	3.5	630.1
B. & O., Douglas Knights, Sandwich, Ill.								
St Olaf Ormsby Papoose Heilo 1923328 (Sir Ormsby Segis Mercedes 29th)	3	4	22	365		15455.9	3.6	561.3
B. & O., St. Olaf College, Northfield, Minn.								
Senior Two-Year Class								
Bess Ormsby Fobes Tidy Lass 1985120 (Sir Bess Ormsby Fobes 73d)	2	11	18	365	202	20469.9	3.4	698.4
B., G. F. Walters, Waterloo, Iowa. O., Maytag Dairy Farms, Inc., Newton, Iowa								
Osborndale Lorna Ormsby Fobes 2017233 (Rear Admiral Ormsby Fobes)	2	7	27	365		15607.7	4.1	641.1
B., Mrs. W. S. Kellogg, Derby, Conn. O., Wisconsin State Reformatory, Green Bay, Wis.								
Dougvic Chieftain Moole 2032675 (Montvic Chieftain 12th)	2	6	20	365	189	14099.5	3.9	551.6
B. & O., Douglas Knights, Sandwich, Ill.								
Dougvic Chieftain Lass 2032678 (Montvic Chieftain 12th)	2	7	15	365	219	14453.0	3.7	538.4
B. & O., Douglas Knights, Sandwich, Ill.								
Dougvic Chieftain Butter Girl 2032677 (Montvic Chieftain 12th)	2	6	24	365	199	15185.4	3.5	537.7
B. & O., Douglas Knights, Sandwich, Ill.								
Wisconsin Royal Gem 1995563 (Femco Royal 2d 731923)	2	6	13	309		13760.8	3.6	498.4
B. & O., Wisconsin State Reformatory, Green Bay, Wis.								
Junior Two-Year Class								
Dougvic Chieftain Senator Ormsby 2146828 (Montvic Chieftain 12th)	2	3	29	365	95	15071.4	3.4	506.1
B. & O., Douglas Knights, Sandwich, Ill.								
W I S Fair Pride 2023858 (W I S Royal Hillvale Pride)	1	10	13	365	206	14063.1	3.1	432.8
B. & O., Wisconsin Industrial School, Waukesha, Wis.								

CLASSIFICATION B

Full-Aged Class								
Lady Pontiac Homestead Freela 1698954 (Climax Pontiac Freela)	9	4	8	365	218	25687.8	3.4	884.5
B., G. L. King, Reardan, Wash. O., S. B. Hall, Troutdale, Ore.								
Lady Burke Pride Gerben Cola Hero 1756206 (Chief Piebe Ormsby Burke)	6	9	29	365		22328.1	4.0	882.2
B. & O., U. S. Dairy Division, Beltsville, Md.								
Sowiscol Posch Creator Esther 1783839 (Winterthur Posch Ormsby King)	5	5	22	331	180	20579.8	4.2	860.1
B. & O., So. Wis. Colony & Tr. School, Union Grove, Wis.								
Adohr M B B Maid 1624354 (Marathon Bess Burke)	8	0	9	365		22631.5	3.8	850.8
B. & O., Adohr Milk Farms, Tarzana, Calif.								
Belle Homestead Aaggie Fobes 1946748 (Wisconsin Aaggie Ormsby Fobes)	6	6	18	365		22578.9	3.6	821.1
B., John & Charles Wittig, Hartford, Wis. O., Lauxmont Farms, Wrightsville, Pa.								
Dunloggin Adessic 1758625 (Admiral Ormsby Fobes Again)	5	7	28	365		23149.4	3.5	805.1
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.								
Line Gerben Ormsby Colantha Paula 1783652 (Pride Orms. Gerben Colan. Ona)	6	2	22	365	206	20002.1	3.9	789.0
B. & O., U. S. Dairy Division, Beltsville, Md.								
Fayne Korndyke Papoose 1752341 (Crownhurst Ideal Papoose)	6	7	3	365	212	20043.1	3.9	781.6
B., Allen Gilbert, Mannsville, N. Y. O., R. V. Rasmussen, Deerfield, Ill.								
Farmington Lady Colantha 1635745 (Sir Matador Mead)	8	0	18	365	233	20786.5	3.6	744.0
B. & O., State Hospital No. 4, Farmington, Mo.								

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat ft.	Fat Lbs.
Pabst Cascade Lucy 1735549 (Carnation Sensation)	6	2	1	365	207	23538.3	3.1		735.8
B. & O., Pabst Farms, Oconomowoc, Wis.									
Bellevue Ormsby Airies Fayne 1522376 (Ormsby Sensation 45th)	8	11	28	365		20164.3	3.6		730.0
B. & O., Bellevue Farms, Hyattsville, Md.									
SX Bess Royal Belmont 1699344 (King Bess Royal Ormsby)	6	1	17	365	148	20190.0	3.6		727.8
B. & O., J. M. Dennis Jr., Riderwood, Md.									
Adohr Model Pecan 1732099 (Adohr Pietertje De Kol)	6	6	18	365	189	21085.3	3.4		721.6
B. & O., Adohr Milk Farms, Tarzana, Calif.									
SX Miss Bess Ormsby 1706960 (King Bess Royal Ormsby)	6	1	0	365	186	18894.1	3.7		700.4
B. & O., J. M. Dennis Jr., Riderwood, Md.									
Mari Fayne Ona Pontiac 1647748 (Firestone Pontiac Tobe)	7	10	26	364	202	19010.4	3.7		699.2
B. & O., C. B. Siddall, Atwater, Ohio									
Beets Ormsby Tritomia Lass 1884106 (Tritomia Ormsby Beets Perfection)	5	6	17	365	133	19239.6	3.6		694.8
B., Floyd Gilley, Maynard, Iowa. O., Hawthorn Farms, Libertyville, Ill.									
SX Bess Ormsby Beets 1733547 (King Bess Royal Ormsby)	5	9	12	348	203	19283.1	3.5		683.2
B. & O., J. M. Dennis Jr., Riderwood, Md.									
Silvis Farm Joan Piebe 1894781 (Piebe Homestead of York 30th)	5	3	0	365	163	17416.1	3.9		675.6
B., J. H. Silvis, Greensburg, Pa. O., Silvis Farms, Inc., Greensburg, Pa.									
Adohr Petunia 1765697 (M B B Johanna of Adohr)	6	2	3	365	220	18968.5	3.6		674.3
B. & O., Adohr Milk Farms, Tarzana, Calif.									
Lady Burke Piebe Gerben Cola Barba 1756207 (Chief Piebe Ormsby Burke)	6	9	11	365		17195.6	3.9		673.4
B. & O., U. S. Dairy Division, Beltsville, Md.									
Illini Iliadoga Homestead Bessie 1736771 (Illini Homestead Piebe Prince)	6	0	22	365	212	18920.8	3.5		663.9
B. & O., University of Illinois, Urbana, Ill.									
Bessie Fobes June 1820965 (Sir Bessie Ormsby Fobes 5th)	5	2	29	365	215	19035.2	3.4		652.9
B., R. H. Paul, Cambridge City, Ind. O., E. M. Arnos, Adrian, Mich.									
Hallrose Jeanette Beets 1789155 (Prince Tobe Johanna Beets)	5	9	14	365	243	19578.7	3.3		637.8
B. & O., S. B. Hall, Troutdale, Ore.									
Carnation Inka Josephine Bracelet 1820813 (Sir Inka May)	5	5	5	365	187	17771.8	3.6		635.1
B., Carnation Milk Farms, Seattle, Wash. O., E. H. Ravenscroft, Antioch, Ill.									
Mari Korndyke Pontiac Lilly 1690189 (Firestone Pontiac Tobe)	6	8	16	365	182	19433.1	3.2		626.9
B. & O., C. B. Siddall, Atwater, Ohio									
Reformatory Ormsby Miss De Kol 1844441 (Michigan De Kol Ormsby)	5	2	28	344	250	17893.1	3.5		624.9
B. & O., Michigan Reformatory, Ionia, Mich.									
Illini Canary Bopeep 1803807 (Illini Canary Nettie Lad)	5	0	23	365	170	18154.8	3.4		622.8
B. & O., University of Illinois, Urbana, Ill.									
Larro Bess Sensation Hazel 1747728 (Lakefield Piebe Bess Ormsby)	6	7	11	355	233	16388.5	3.8		621.1
B. & O., Larrowe Milling Co., Detroit, Mich.									
Rawleigh Ollie Bessie 1800905 (Iowana Frysian Ollie Oak)	5	0	15	357	217	16799.6	3.6		603.7
B. & O., W. T. Rawleigh Co., Freeport, Ill.									
Correction Lass Beatrice 1618250 (Great Home Ormsby De Kol)	8	5	9	341	184	16766.1	3.5		586.6
B. & O., Milwaukee Co. House of Correction, Milwaukee, Wis.									
Rena Pontiac Korndyke 1685217 (King Rena of Firestone Farms)	7	10	25	365	157	17015.3	3.4		579.5
B., H. S. Dalton, Wakeman, Ohio. O., H. S. Dalton & Sons, Wakeman, Ohio									
Bell Farm Hengyson Annie Fayne 1782470 (Bell Farm Hengerveld Lad 2d)	5	8	6	365	129	14980.1	3.9		578.0
B. & O., Bell Farms, Coraopolis, Pa.									
Correction Fayne Molly Princess 1480041 (Correction Fayne Prince)	10	7	17	305	166	15301.8	3.8		577.7
B. & O., Milwaukee Co. House of Correction, Milwaukee, Wis.									
Quonquont Olympia Modest 1774015 (Quonquont Sir Modest)	5	5	21	345	153	16885.8	3.4		574.5
B. & O., F. U. Wells, Whately, Mass.									
Beauty Homestead Pietje 1635221 (Joe Clothilde Pietje)	7	4	4	365	210	15733.2	3.6		574.2
B. & O., H. S. Dalton, Wakeman, Ohio									
Segis Lady Pontiac Alcartra 1300256 (Segis Denver Pontiac)	14	10	21	365		16889.5	3.3		561.9
B., L. C. Donley, Larkspur, Colo. O., Archie Allison, Cheyenne, Wyo.									
Rosehedge Goldenrod Corvette 1763785 (Sir Fobes Ormsby Goldenrod)	6	1	27	349	259	17416.2	3.2		559.0
B. & O., Mission Ranch, Phoenix, Ariz.									
Lone Valley Ormsby Empress 1571030 (Admiral Ormsby Segis)	9	2	26	329		16560.2	3.4		556.9
B., C. J. Konop, Cato, Wis. O., Lauxmont Farms, Wrightsville, Pa.									
Idaho Fayne Katherine 1799039 (Hazelwood Fayne King)	5	0	11	305	36	15657.3	3.3		514.1
B. & O., University of Idaho, Moscow, Idaho									
Reformatory De Kol Carnation 1753735 (Reformatory King Carnation)	6	9	16	357	280	13958.9	3.6		505.5
B. & O., Michigan Reformatory, Ionia, Mich.									
Silvis Farm Homestead Bonnie 1882038 (Piebe Homestead of York 30th)	6	5	8	269		11754.6	4.2		490.0
B., J. H. Silvis, Greensburg, Pa. O., Silvis Farms, Inc., Greensburg, Pa.									
Ernhoft Daisy Inka May 1526041 (Sir Inka May 24th)	9	1	0	365	221	13602.7	3.5		478.2
B. & O., E. F. Krabbenhoft, Sabin, Minn.									
U S S H Dodo Netherland Monarch 1744035 (Winterthur Posch Great Monarch)	6	0	20	365	212	14862.7	3.2		472.8
B. & O., U. S. Soldiers' Home Dairy, Washington, D. C.									
Senior Four-Year Class									
Marquette Marathon Burke 1960865 (Marquette Pride Alexia Burke)	4	6	20	365	245	24274.1	3.5		859.5
B. & O., House of Correction & Prison, Marquette, Mich. (State Leader)									
Sleepy Hollow Consorte Sue 1856495 (Pansco Consorte Zozo)	4	7	15	365	219	19486.6	4.1		789.3
B. & O., Sleepy Hollow Certified Milk Co., Petaluma, Calif.									
Adohr Bess Gerben 1854669 (Echoland Sir Bess)	4	9	3	365	230	18466.0	3.8		700.3
B. & O., Adohr Milk Farms, Tarzana, Calif.									
U-Mo Vesper Man-O-War Ormsby Louise 1880011 (Man-O-War 69th	4	8	17	365	238	18873.2	3.7		699.6
B. & O., University of Missouri, Columbia, Mo.									
Femco Minita Nudine Pride 1814862 (Femco Lilith Pride Ormsby)	4	11	12	365	267	17041.4	3.7		627.5
B., F. E. Murphy, Breckenridge, Minn. O., E. M. Arnos, Adrian, Mich.									
Colony Miranda Segis Colantha 1975892 (Sir Romeo Mildred Colantha 6th)	4	6	27	365	171	19036.2	3.2		600.1
B., Colony Farm, Essondale, B. C. O., Hawthorn Farms Libertyville, Ill.									
Hoesly Fobes Inka 1878619 (Hoesly Inka Prince)	4	7	21	365	262	14137.3	4.0		568.1
B., Baltz Hoesly, Monticello, Wis. O., A. C. Oosterhuis, Oconomowoc, Wis.									
Bell Farm Piet Glistaveld 1850781 (Bell Farm King Pietertje Bessie)	4	11	26	365	177	14355.3	3.4		483.0
B. & O., Bell Farms, Coraopolis, Pa.									
Junior Four-Year Class									
SX Rex Bess Ormsby Fobes 1885780 (Dunloggin Rex)	4	3	5	365	245	23831.4	3.7		883.6
B. & O., J. M. Dennis Jr., Riderwood, Md.									
SX Rex Fobes 1826136 (Dunloggin Rex)	4	2	9	365	94	21533.6	3.6		783.3
B. & O., J. M. Dennis Jr., Riderwood, Md.									
Hershey Banostine Inka 2039714 (Carnation Inka Walker De Kol)	4	2	11	305	80	15639.8	3.5		547.6
B. & O., Hershey Industrial School, Hershey, Pa.									
R M F Johanna Posch Veeman 1998589 (Sir Louis Pabst Posch)	4	4	5	365	227	12157.0	3.8		464.1
B. & O., McLaury Brothers, Portlandville, N. Y.									
Triple Friend Co-Heroine Paul Laura 1891464 (Friend Ona Paul Colantha)	4	2	20	365		11971.1	3.6		433.4
B., U. S. Dairy Division, Washington, D. C. O., U. S. Dairy Station, Mandan, N. Dak.									
Senior Three-Year Class									
Dunloggin Sunday Mistress 1897967 (Dunloggin Woodmaster)	3	11	10	365	232	19891.6	3.4		670.1
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.									
Dunloggin Romeo Mistress 1897970 (Dunloggin Woodmaster)	3	11	1	333	208	16572.5	4.0		658.0
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.									
Illini Mabel Creator Fayne 1885128 (King Bessie Ormsby Pietertje 6th)	3	10	24	365		18804.6	3.5		655.6
B. & O., University of Illinois, Urbana, Ill.									
V P I Ormsby Fayne Melba 1864820 (Winterthur Kann Ormsby Nero)	3	10	7	356	168	14379.3	3.6		521.7
B. & O., Virginia Polytechnic Institute, Blacksburg, Va.									
Inkarnation Johanna Masterpiece 1931431 (Oostie Masterpiece 2d)	3	7	20	365	200	15288.6	3.3		501.2
B., A. C. Oosterhuis, Oconomowoc, Wis. O., H. S. Dalton & Sons, Wakeman, Ohio									
R M F Netherland Parthenea 1998606 (Buster Netherland Posch)	3	7	21	365	214	13237.9	3.4		454.4
B. & O., McLaury Brothers, Portlandville, N. Y.									
Junior Three-Year Class									
Plains Lady Gerben Dorothy 1965756 (Friend Ona Paul Colantha)	3	3	17	365		17447.2	3.9		683.4
B., U. S. Dairy Division, Washington, D. C. O., U. S. Dairy Station, Mandan, N. Dak. (State Leader)									

Name of Cow, Sire, Breeder, and Owner	Age y.	m.	d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat ft. Lbs.
Fairhurst Alice Plus Bessie 1986390 (King Bessie Plus Senor)	3	1	23	365	229	18750.3	3.4	640.2
B. & O., Leroy Kittle, Holland, Ohio								
Wimbledon Queen Mary 1947308 (Wimbledon Dean Marathon)	3	1	11	365	256	15145.1	3.7	557.5
B. & O., H. O. Norris, Annapolis, Md.								
Sooner Pontiac Mutual 1933758 (Sooner Harteg Pontiac)	3	0	23	365	173	16646.7	3.1	521.9
B. & O., Oklahoma A. & M. College, Stillwater, Okla.								
Mokwa Alexina Berdena 2101044 (King Alexina Jewel)	3	2	9	365	189	14832.2	3.3	495.4
B. & O., F. J. Plondke, White Bear Lake, Minn.								
Senior Two-Year Class								
U T Hero May 1959117 (Sir Colantha Barb Hero)	2	10	19	365	166	18814.8	3.9	726.3
B. & O., University of Tennessee, Knoxville, Tenn.	(State Leader)							
Grace Ormsby Bonheur Della 1964599 (Johanna Bonheur Ormsby Della)	2	10	15	365		21502.7	3.3	700.5
B., John Zoberlin, Plymouth, Wis. O., Lauxmont Farms, Wrightsville, Pa.								
Gilt Edge Barbetta Colantha 2096518 (Win-Stafa Sir Ormsby Barbetta)	2	9	6	365	241	20060.8	3.4	691.5
B., M. T. Haseleu, Waterloo, Wis. O., Mooseheart, Mooseheart, Ill.								
Lauxmont Rag Apple Rosebud 1974576 (Montvic Rag Apple Netherland)	2	8	7	365	205	15602.5	4.0	626.7
B. & O., Lauxmont Farms, Wrightsville, Pa.								
Farmington Bonnie Segis Ormsby 1989755 (Campus Fonda Ormsby Master)	2	8	1	365	212	16059.8	3.6	574.4
B. & O., State Hospital No. 4, Farmington, Mo.								
Silvis Farm Piebe Susan 2056136 (King Piebe of York 75th)	2	6	7	365		18766.1	3.1	574.1
B., J. H. Silvis, Greensburg, Pa. O., Silvis Farms, Inc., Greensburg, Pa.								
St Croixco Daisy Grace Belmont 2006571 (Pabst Sir Belmont Colanthus)	2	7	14	365	171	12793.2	4.1	525.3
B. & O., St. Croix County Asylum, New Richmond, Wis.								
Bessie Model Zenith 1972410 (King Bessie Ormsby Pietertje)	2	6	5	365	209	14459.1	3.6	519.0
B., R. V. Rasmussen, Deerfield, Ill. O., E. M. Arnos, Adrian, Mich.								
Bess Pietertje Posch 2035867 (DeCreamCo Calamity Posch 25th)	2	6	15	365	247	15900.4	3.2	516.1
B. & O., L. W. Nisbet, Loveland, Ohio								
Silvis Farm Segis Hilda 2056130 (Saranac Veeman Segis)	2	6	15	318	228	14122.3	3.6	502.7
B., J. H. Silvis, Greensburg, Pa. O., Silvis Farms, Inc., Greensburg, Pa.								
Quonquont Rose Modest 1974848 (Quonquont Sir Modest)	2	7	23	339	242	13683.2	3.5	482.2
B., F. U. Wells, Whately, Mass. O., Donaldson Brown, Port Deposit, Md.								
Bessie Ormsby Winsome 1949621 (King Bessie Ormsby Pietertje)	2	8	3	365	179	12259.4	3.8	467.1
B., R. V. Rasmussen, Deerfield, Ill. O., E. M. Arnos, Adrian, Mich.								
St Croixco Daisy Ormsby Burke 2017157 (Sir Pansy Bess Burke)	2	6	14	343	249	12642.2	3.6	459.1
B. & O., St. Croix County Asylum, New Richmond, Wis.								
North Star Gelsche Con 1990027 (Dunloggin Confident)	2	6	1	365	211	13335.5	3.3	444.8
B. & O., W. S. Moscrip, Lake Elmo, Minn.								
St Croixco Princess Bess Belmont 1997741 (Pabst Sir Belmont Colanthus)	2	10	2	365	208	11648.0	3.7	431.5
B. & O., St. Croix County Asylum, New Richmond, Wis.								
Jaysee Ormsby Jennie La Vero 1948728 (Carnation Peerless Butter King)	2	9	12	329	234	10505.0	4.1	429.2
B. & O., Jewish Consumptives' Relief Society, Spivak, Colo.								
Ormsby Skylark McVale 2000628 (Sir Skylark Just Right)	2	6	8	365		10286.3	3.9	400.2
B., W. F. Glenapp, Manchester, Iowa. O., Hill-Man Farms, Rockford, Ill.								
Bell Farm Homestead Peveldona 1995421 (Carnation Homestead Matador)	2	6	20	365	135	11930.6	3.3	387.9
B. & O., Bell Farms, Coraopolis, Pa.								
Flamstead Sylvia Gloria 1979037 (King Triune Rose Wayne Betta)	2	7	13	305		10698.1	3.6	383.0
B., Grandview Dairy, Lafayette, Ind. O., E. M. Arnos, Adrian, Mich.								
Bell Farm Rag Apple Geertje 1984470 (Belmontvic Rag Apple)	2	11	24	365		11339.9	3.2	367.3
B. & O., Bell Farms, Coraopolis, Pa.								
Mari War Lilly Korndyke 2019592 (Man-O-War Inka Ormsby Posch)	2	6	4	265		9833.9	3.5	346.3
B. & O., C. B. Siddall, Atwater, Ohio								
Junior Two-Year Class								
Pabst Belmont Cascader 2012714 (Pabst Belmont Creator)	2	0	20	365	257	20790.7	3.4	699.7
B. & O., Pabst Farms, Oconomowoc, Wis.								
Cornell Blend Claudet 1979856 (Cornell Royal Blend)	2	5	16	365	124	17277.1	3.8	655.9
B. & O., Cornell University, Ithaca, N. Y.								
St Croixco Merville Bess Belmont 2043215 (Pabst Sir Belmont Colanthus)	2	0	16	365	231	16549.7	3.9	641.4
B. & O., St. Croix County Asylum, New Richmond, Wis.								
Lady Calamity Posch Ollie 2083251 (DeCreamCo Calamity Posch 25th)	2	0	20	365	234	16285.6	3.8	623.5
B. & O., L. W. Nisbet, Loveland, Ohio								
St Croixco Mabel Colanthus 2028256 (Sir Pansy Bess Burke)	2	4	26	360	260	16169.9	3.7	596.4
B. & O., St. Croix County Asylum, New Richmond, Wis.								
Mendocino Model Pride 2032976 (Mendocino Model)	2	4	7	365	256	16902.2	3.5	584.0
B. & O., Mendocino State Hospital, Talmage, Calif.								
Acacia Goldie Rose 2031660 (Carnation Monarch Segis)	2	0	3	365	225	14914.1	3.8	566.1
B. & O., Illinois Masonic Home Farm, Sullivan, Ill.								
Mendocino Cornelia 2032998 (Sleepy Hollow Concola)	2	1	6	365	236	17132.2	3.3	564.8
B. & O., Mendocino State Hospital, Talmage, Calif.								
Pabst Pride Monsader Pearl 1986667 (Pabst Cascader Pride)	2	1	27	365	207	15976.7	3.5	563.3
B. & O., Pabst Farms, Oconomowoc, Wis.								
Lady Burke Gerben Colan Johan W 2043763 (Chief Piebe Ormsby Burke)	2	1	26	365	228	15122.1	3.6	543.0
B. & O., U. S. Dairy Division, Beltsville, Md.								
Princess Inka De Kol of Ravenglen 1986516 (Colanthus Sir Piebe)	2	1	14	365	174	14915.4	3.6	542.4
B., Herbert Lepien, Hartford, Wis. O., E. H. Ravenscroft, Antioch, Ill.								
Julia Inka Alexina 2023551 (Triune Alexina Ormsby)	2	4	12	339	191	14018.2	3.9	540.0
B. & O., E. E. Freeman, Modesto, Calif.								
Mendocino Concola Ruth 2032987 (Sleepy Hollow Concola)	1	11	21	365	221	14905.0	3.6	539.6
B. & O., Mendocino State Hospital, Talmage, Calif.								
Silvis Farm Piebe Suzette 2056137 (King Piebe of York 75th)	2	4	9	365	153	16800.9	3.2	535.3
B., J. H. Silvis, Greensburg, Pa. O., Silvis Farms, Inc., Greensburg, Pa.								
Acacia Peerless 1978588 (Carnation Peerless Piebe)	2	4	18	365	182	14831.7	3.6	533.9
B. & O., Illinois Masonic Home Farm, Sullivan, Ill.								
Lauxmont Admiral Rosita 1980819 (Admiral Lauxmont)	2	4	29	360	281	13161.4	4.0	529.9
B. & O., Lauxmont Farms, Wrightsville, Pa.								
Distinction Modest Countess 2010735 (Quonquont Sir Modest 44th)	2	5	10	365	220	13541.8	3.9	524.9
B. & O., John Wuethrich, Greenwood, Wis.								
Sowiscol Bessie Irene 2011308 (King Bessie Don Segis)	2	2	23	365	260	13115.2	3.9	506.6
B. & O., So. Wis. Colony & Tr. School, Union Grove, Wis.								
North Star Connie Loisanne 1990029 (Dunloggin Confident)	2	5	11	365	218	13116.9	3.9	506.6
B. & O., W. S. Moscrip, Lake Elmo, Minn.								
St Croixco Grace Ormsby Direct 2043214 (Ormsby Ollie Direct)	2	1	19	365		14602.9	3.4	498.9
B. & O., St. Croix County Asylum, New Richmond, Wis.								
Bell Farm Burke Fobes Walker 2038719 (Bell Farm Admiral Burke)	2	1	24	365		13819.0	3.6	494.5
B. & O., Bell Farms, Coraopolis, Pa.								
Lady Friend Rue Twi-Pauline Count A P 2043885 (Friend King Paul Colantha W.)	2	0	16	365	196	14147.0	3.5	489.2
B., U. S. Dairy Division, Washington, D. C. O., Bureau of Dairy Industry, Woodward, Okla.								
Acacia Rose Goldie 2031661 (Carnation Monarch Segis)	2	0	3	365	242	13818.9	3.5	483.9
B. & O., Illinois Masonic Home Farm, Sullivan, Ill.								
North Star Connie Lynd 2026845 (Dunloggin Confident)	2	2	10	365	176	11140.2	4.3	484.2
B. & O., W. S. Moscrip, Lake Elmo, Minn.								
Acacia Star Peerless 1978589 (Carnation Peerless Piebe)	2	4	10	365	150	14602.4	3.3	481.6
B. & O., Illinois Masonic Home Farm, Sullivan, Ill.								
Pabst Paul Bess 1986661 (Pabst Sir Cascade Paul)	2	3	2	365	204	13615.4	3.5	478.4
B. & O., Pabst Farms, Oconomowoc, Wis.								
Bell Farm Homestead Muposh 2029485 (Carnation Homestead Matador)	2	2	24	365	187	13933.1	3.3	465.2
B. & O., Bell Farms, Coraopolis, Pa.								
Mendocino Ruth Model 1989078 (Mendocino Model)	2	1	1	347	224	13530.9	3.4	460.2
B. & O., Mendocino State Hospital, Talmage, Calif.								
Bell Farm Charlona Dellaveld 2022537 (Bell Farm Sir Korndyke Charlona)	2	4	5	336	218	15432.6	3.0	459.3
B. & O., Bell Farms, Coraopolis, Pa.								
U S S H Phoebe Lee Piebe Roxy 1967958 (Winterthur Pilot Posch Roxy)	2	5	0	365	182	13605.1	3.4	457.6
B. & O., U. S. Soldiers' Home Dairy, Washington, D. C.								

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat ft. Lbs.
Black Beauty Rena 2028369 (King Rena of Firestone Farms)	2	4	12	365	211	13488.2	3.4	452.4
B. & O., H. S. Dalton, Wakeman, Ohio								
R M F Posch Mutual 2018100 (R M F Posch)	2	2	28	365	280	13296.8	3.4	452.1
B. & O., McLaury Brothers, Portlandville, N. Y.								
Lady Bess Hero Klaver Paul Helen 2013687 (Sir Bess Nora Lad)	2	5	28	365		13575.6	3.3	444.4
B., U. S. Dairy Division, Washington, D. C. O., U. S. Dairy Division, Huntley, Mont.								
Lady Iodak Burke Gerb Cola Johan 2031642 (King Ormsby of Iodak)	2	3	21	365		11507.4	3.8	433.8
B. & O., U. S. Dairy Division, Beltsville, Md.								
Plains Twi-Friend Twi-Paul Beatrice 2020147 (Friend Ona Paul Colantha)	2	5	2	365		13105.1	3.3	429.0
B., U. S. Dairy Division, Washington, D. C. O., U. S. Dairy Station, Mandan, N. Dak.								
Bell Farm Creamelle Fobroco It 2022536 (Bell Farm Sir Creamelle Sensation)	2	3	17	365	197	12357.6	3.4	424.7
B. & O., Bell Farms, Coraopolis, Pa.								
Bell Farm Burke Beatrice 2029486 (Bell Farm Admiral Burke)	2	2	12	331	224	11661.1	3.6	422.3
B. & O., Bell Farms, Coraopolis, Pa.								
Acacia Peerless De Kol 1978587 (Carnation Peerless Piebe)	2	4	19	365	165	12204.4	3.4	415.8
B. & O., Illinois Masonic Home Farm, Sullivan, Ill.								
Triple Nine-O-Five Rube Colan Bess 2058690 (Double Line Pride Colan-Gerb Lad)	2	0	4	365		10729.4	3.8	404.8
B. & O., U. S. Dairy Division, Beltsville, Md.								
Miss Triple Nine-O-Five Colan Johan 2058688 (Double Line Pride Colan-Gerb Lad)	1	11	25	331		9294.7	4.3	401.7
B. & O., U. S. Dairy Division, Beltsville, Md.								
V P I Ormsby Letty Ada 1986858 (Winterthur Kann Ormsby Nero)	2	2	3	305	183	10873.7	3.6	394.4
B. & O., Virginia Polytechnic Institute, Blacksburg, Va.								
Pabst Paul Model Princess 2012713 (Pabst Sir Cascade Paul)	1	11	16	365		11014.9	3.5	386.5
B. & O., Pabst Farms, Oconomowoc, Wis.								
Pabst Belmont Monsader Bess 1986668 (Pabst Belmont Creator)	2	1	29	331	203	9584.6	3.9	374.5
B. & O., Pabst Farms, Oconomowoc, Wis.								
Flamstead Daisy Rosa 2004284 (Flamstead Segis Walker Matador)	2	1	9	365	240	12312.1	3.0	369.7
B., Grandview Dairy, Lafayette, Ind. O., E. M. Arnos, Adrian, Mich.								
Pabst Pride Ormsby Isabelle 1972978 (Pabst Cascader Pride)	2	5	16	342	196	9390.9	3.6	336.6
B. & O., Pabst Farms, Oconomowoc, Wis.								
CLASSIFICATION C								
Full-Aged Class								
Hoesly Veritas Windsor Inka 1487998 (Carnation Inka Prince)	10	4	21	365		22699.8	3.8	858.8
B., Baltz Hoesly, Monticello, Wis. O., A. C. Oosterhuis, Oconomowoc, Wis.								
N P Pansy 1804302 (N P Re-Becky Ormsby Triune Pansy)	5	0	23	365		20212.4	3.8	758.9
B. & O., University of Nebraska, North Platte, Neb.								
Kanowa Ormsby Maid Man-O-War 1699397 (Man-O-War 59th)	8	0	0	365	252	18984.5	3.6	692.1
B. & O., Decker Brothers, Turlock, Calif.								
N P Becky 1804303 (N P Re-Becky Ormsby Triune Pansy)	5	1	26	365		16141.1	3.9	628.7
B. & O., University of Nebraska, North Platte, Neb.								
Sleepy Hollow Joy Inka Governor 1802765 (Carnation Governor Inka)	5	10	4	365	191	16335.9	3.8	614.4
B. & O., Fred Eggers, Meridian, Idaho	(State Leader)							
Borderland Friend Violet 1786427 (King Ormsby Ideal 50th)	6	8	25	364	193	15254.3	3.8	585.2
B. & O., Lloyd Taylor, Warwick, N. Y.								
Vickery Fobes Isabelle 1451148 (Governor Fobes 15th)	10	10	19	365	125	15767.5	3.5	546.2
B., Henry & George Van Driest, Cedar Grove, Wis. O., Henry Van Driest, Cedar Grove, Wis.								
N P Becky Bieske Piebe Ormsby 1283457 (N P Hengerveld Topsy Count)	12	1	24	261		12745.3	3.5	441.9
B. & O., University of Nebraska, North Platte, Neb.								
N S A Belle Quantity Klimax 1804338 (U Neb Quantity Klimax)	5	9	12	365	251	11055.0	3.5	390.0
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
Senior Four-Year Class								
Kanowa Rosa Man-O-War 2125339 (Man-O-War 59th)	4	11	0	365	211	16510.2	4.0	662.3
B. & O., Decker Brothers, Turlock, Calif.	(State Leader)							
Mabel Nannette Ormsby Segis 1845260 (Ormsby Korndyke Segis Pet)	4	9	28	365		16638.9	3.8	634.8
B., Elsie Metzler, Paradise, Pa. O., H. R. Metzler, Paradise, Pa.								
Level-land Pride Empress 1862577 (King Bessie Ormsby Pride 12th)	4	10	28	322	248	14040.0	4.0	565.1
B., F. A. Havlik, Wonewoc, Wis. O., A. C. Oosterhuis, Oconomowoc, Wis.								
N S A Vesta Quantity Klimax 1880818 (U Neb Quantity Klimax)	4	7	17	365	234	16669.7	3.4	558.6
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
Lady Ormsby Korndyke Oak 1875528 (Dean Ormsby Korndyke Lad)	4	7	15	365		12639.9	3.6	457.2
B. & O., A. H. Bruce, Northfield, Minn.								
N S A Veda Quantity Klimax 1880819 (U Neb Quantity Klimax	4	6	13	355	236	10558.8	3.8	403.5
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
Jonabell Lena 1827472 (Governor Posch)	4	6	2	365	175	12324.4	3.2	389.8
B. & O., J. A. Bell Jr., Sewickley, Pa.								
Junior Four-Year Class								
Hart Beauty Royal 2150429 (Sleepy Hollow Baron Inka)	4	0	16	365	258	16376.0	3.6	595.9
B., Roy Shutwell, Boise, Idaho. O., Fred Eggers, Meridian, Idaho	(State Leader)							
Ormsby Bessie Korndyke Pet 1869894 (Ormsby Korndyke Segis Pet)	4	1	1	365	255	16221.2	3.3	536.1
B. & O., H. R. Metzler, Paradise, Pa.								
Senior Three-Year Class								
Sleepy Hollow Trixie Governor Inka 1870304 (Carnation Governor Inka)	3	11	29	365	195	13995.0	4.0	565.2
B. & O., Fred Eggers, Meridian, Idaho								
Winterthur Pilot Posch Spamalo 1934439 (Winterthur Great Dad Pilot)	3	7	10	335	205	14595.7	3.7	533.3
B. & O., H. F. duPont, Winterthur, Del.								
Amy Segis Piebe Alcartra 1869899 (Alcartra Piebe Fobes Lad)	3	11	29	365	249	13064.0	3.8	495.4
B. & O., H. R. Metzler, Paradise, Pa.								
Hoesly Excetter Piebe Lyons 1941759 (Carnation Homestead Piebe)	3	8	29	295		9252.1	4.1	477.3
B., Baltz Hoesly, Monticello, Wis. O., Baltz Hoesly Est., Monticello, Wis.								
Sleepy Hollow Carol Governor Susan 1870311 (Carnation Governor Inka)	3	10	1	345	252	13427.6	3.5	476.4
B. & O., Fred Eggers, Meridian, Idaho								
Kanowa Mina Posch Man-O-War 1912766 (Man-O-War 59th)	3	6	24	365	157	13732.9	3.4	469.5
B. & O., Decker Brothers, Turlock, Calif.								
Hoesly Tueble Inka Homestead 1941760 (Carnation Homestead Piebe)	3	6	13	214		11724.3	3.3	391.8
B., Baltz Hoesly, Monticello, Wis. O., Baltz Hoesly Est., Monticello, Wis.								
Junior Three-Year Class								
Winterthur Great Posch Best Sogi 1934442 (Winterthur Bess Ormsby Great)	3	5	6	365		16919.3	4.3	725.3
B. & O., H. F. duPont, Winterthur, Del.								
N P Becky Karen 1924075 (U Neb Judge Karmore)	3	5	9	365	188	19553.9	3.5	691.8
B. & O., University of Nebraska, North Platte, Neb.	(State Leader)							
Sleepy Hollow Jean Governor Esther 1930181 (Carnation Governor Inka)	3	4	14	365	237	15951.4	3.6	581.8
B. & O., Fred Eggers, Meridian, Idaho	(State Leader)							
U of D Judge Ormsby Quanity 1922120 (Judge Quanette Nebraska)	3	3	14	365		14401.5	4.0	577.1
B. & O., University of Delaware, Newark, Del.								
Hoesly Homestead 1941762 (Hoesly Inka Prince)	3	0	1	359		14516.7	3.9	560.7
B., Baltz Hoesly, Monticello, Wis. O., A. C. Oosterhuis, Oconomowoc, Wis.								
Level-land De Kol Pride Ormsby 1959297 (King Bessie Ormsby Pride 12th)	3	4	2	365	237	13329.6	4.0	534.2
B., F. A. Havlik, Wonewoc, Wis. O., A. C. Oosterhuis, Oconomowoc, Wis.								
Belle Crest Kent Della 1994663 (Winterthur Dad Boast Segis Kent)	3	0	17	365		13979.5	3.8	530.9
B., W. M. Hunsberger, Plumsteadville, Pa. O., G. M. Hunsberger, Plumsteadville, Pa.								
Colantha Segis May Burke 2029286 (Carnation Mistland Ormsby)	3	5	21	365	185	11600.9	3.6	421.5
B. & O., O. U. Kellogg Est., Cortland, N. Y.								
Sleepy Hollow Poppy Comet Faith 1942489 (Sleepy Hollow Comet Governor Olga)	3	2	5	365	253	11126.6	3.7	415.3
B. & O., Fred Eggers, Meridian, Idaho								
U of D Judge Ormsby Quad 1922121 (Judge Quanette Nebraska)	3	2	28	365	174	10853.3	3.8	411.3
B. & O., University of Delaware, Newark, Del.								
Fanyan Delila Pietje Snow 1970341 (Fanyan King of the Snows)	3	3	3	365		11961.4	3.4	410.3
B., C. C. Bennett, Homer, N. Y. O., Est. of C. C. Bennett, Homer, N. Y.								
Elmer Brook Helen Homestead 1965352 (Hoesly Joe Homestead Windsor)	3	2	11	332	250	10836.9	3.8	406.6
B., H. O. Elmer, Monticello, Wis. O., O. R. Lillie, Waukesha, Wis.								

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat ft. Lbs.
Senior Two-Year Class								
U of D Quality Ormsby Rhea 1983362 (Winterthur Kann Posch Quality) ..... B. & O., University of Delaware, Newark, Del.	2	6	20	365		13003.1	3.7	485.1
Oostie Premier Lassie 1992845 (Premier Oostie) ..... B. & O., A. C. Oosterhuis, Oconomowoc, Wis.	2	11	8	365	228	13957.2	3.3	460.5
Minnehaha Drina Pet 1988535 (Minnehaha Matador Sir Drina) ..... B. & O., University of Minnesota, St. Paul, Minn.	2	6	2	365	209	11130.1	3.5	391.4
Pauline Careme Segis Beets 2036743 (Segis Careme Ormsby) ..... B. & O., A. H. Bruce, Northfield, Minn.	2	6	15	365	205	8075.4	3.9	312.1
Junior Two-Year Class								
U of D Quality Ormsby Rosa 1983363 (Winterthur Kann Posch Quality) ..... B. & O., University of Delaware, Newark, Del.	2	5	22	365	203	14160.0	3.7	525.5
Netherton Thyrsa Pietje Veeman 2001031 (Prilly Adirondac Veeman 15th) .... B., E. L. Barber, Richland, N. Y. O., The Blount Lumber Co., Lacona, N. Y.	2	3	27	348	236	11923.6	3.8	455.5
Minnehaha Drina Pauline 1988537 (Minnehaha Matador Sir Drina) ..... B. & O., University of Minnesota, St. Paul, Minn.	2	0	27	365	175	13638.5	3.2	436.1
Ohio Ex Fobes Grace Marcella 1973522 (Experimental Fobes) ..... B. & O., Ohio Agr. Exp. Station, Wooster, Ohio	2	2	17	365	234	10870.5	3.8	417.4
N P Rose Beauty 2015189 (N P Beauty Girl Count Ormsby) ..... B. & O., University of Nebraska, North Platte, Neb.	2	2	8	365	196	11604.1	3.6	414.0
N S A Beulah Judge Quanto 2004271 (U Neb Judge Quanto) ..... B. & O., Nebraska School of Agriculture, Curtis, Neb.	2	4	19	365	189	11062.3	3.5	388.1
Return Fobes Alcartra 2032541 (Man-O-War Return Ace) ..... B. & O., Henry Van Driest, Cedar Grove, Wis.	2	4	10	365		11210.2	3.4	386.6
Hoesly Pietertje 1992415 (Hoesly Joe Cascade Homestead) ..... B., Baltz Hoesly, Monticello, Wis. O., Baltz Hoesly Est., Monticello, Wis.	2	5	13	219		8979.2	3.7	332.4
Winterthur Nebska Dad Don Tasa 2000334 (Judge Quanette Nebraska) ..... B. & O., H. F. duPont, Winterthur, Del.	2	2	24	365		7647.4	3.9	299.5

M. B. NICHOLS, Department of A. R.

Report No. 12

A. R. Report No. 12, in addition to including 121 ten-months records, also lists new state leaders for Idaho, Illinois, Iowa, Maryland, Michigan, Missouri, North Carolina, Ohio, and Wisconsin.

Marquette Marathon Burke 1960865 is announced with a 305-day, Classification B record of 22,298.6 lbs. milk, 3.5% fat, 791.2 lbs. fat. This makes her the national leader in the senior four-year-old class, Ten-Months Division, for animals milked three times per day. She was bred and is owned by the House of Correction and Branch Prison, Marquette, Michigan. She displaces Sethje Segis Fobes 1310966 whose record of 19,992.9 lbs. milk, 3.9% fat and 780.2 lbs. fat was made in 1934 in John Zoberlin's herd, Plymouth, Wisconsin.

Lillian Pride Sunbeam 2051469 becomes a new national leader with her ten-months, Classification C record of 14,357.8 lbs. milk, 3.9% fat, 557.6 lbs. fat at two years of age. She was bred and is owned by P. P. Stewart, Maynard, Iowa. Her record displaces the 549-lb. producer, Empress Colantha Prilly 945390, whose record was made in 1926 in the herd of Mrs. F. Stenzel, San Lorenzo, California.

The fine list of herd averages includes 18 above the 400-lb. mark, of which two are in excess of 500 lbs. Rancho Los Amigos, Hondo, Calif., is reported with the exceptional average of 14,198 lbs. milk and 508.9 lbs. fat on 154 cows in Classification B. J. L. Boerger & Son of Irwin, Ohio, have an average on 10 head in Classification B of 14,506 lbs. milk and 501.6 lbs. fat.

The following animals have established new national records in the Herd Test division:

Place in List	Age Y.	M.	Lgth. Rec.	Lbs. Milk	% Fat	Lbs. Fat
Class. B-Sr. 3						
2. **S P S M Miss Othello Butter Girl 1892944** ..... State Prison of So. Michigan, Jackson	3	7	365	25750	3.5	905.9
Class. B-Jr. 4						
1. **Marquette Star Burke 1956079 (G.P.)** ..... State House of Correction & Branch Prison, Marquette, Mich.	**4	3	365	25572	3.9	1000.8
2. **Bellevue Pontiac Joan 1857988** ..... Bellevue Farms, Hyattsville, Md.	**4	3	365	24654	4.0	990.9
Class. B-13 Years						
1. **Pearl Cloverlawn 3d 1216507 (V.G.)** ..... W. C. Tullis, Monroe, Mich.	13	0	311	18408	4.1	757.8
Class C-Jr. 3						
1. **Pearl De Kol Beets Fayne 1526208** ..... A. E. Howard, Dundee, Ill.	3	5	365	15816	4.4	693.3
2. **Indiana Echo Gerben 1582634** ..... Indiana State Farm, Greencastle	3	4	365	20200	3.4	677.0
3. **Genodale Ormsby Toby 1909305** ..... Adrian T. Personius, Genoa, N. Y.	3	1	365	18310	3.7	673.8
4. **Rutgers Ormsby Gail 1847879** ..... New Jersey Agr'l College, New Brunswick	3	4	365	18535	3.6	669.4
5. **Princess Sensation Ormsby Lady 1912226**	3	1	365	17941	3.7	665.8
Class. C-Sr. 3						
3. **Romardo Ollie Ormsby 1882578** ..... St. Charles Boy's Home, Wauwatosa, Wisconsin	3	10	365	18555	4.0	748.5
Class. C-11 Years						
2. **Butter Lass Louise of Baker Farm 1442249** ..... Baker Farm, Exeter, N. H. (Not previously reported)	**11	1	338	21316	3.3	707.9
4. **Mt Pleasant Ollie Alcartra Ormsby 1386722** ..... Mt. Pleasant State Hospital, Mt. Pleasant, Iowa	11	7	365	18371	3.8	703.3
Class C-13 Years						
5. **Kittie Woodcrest 1292316 (E.)** ..... Est. of G. N. Roberts, Warner, N. H.	13	11	303	15097	3.6	540.8
Class. C-15 Years						
1. **Vernway Princess Fayne Johanna 874297 (G.P.)** ..... Emil Youngquist, Mt. Vernon, Wash. (Previously reported as a 16 year old record)	15	6	365	16296	3.2	529.0
4. **Fytje Segis Johanna 1008359 (G.P.)** ..... Louisiana State University, University	15	7	357	14359	3.0	435.7
Class. C-16 Years, or Over						
1. **Vernway Princess Fayne Johanna 874297 (G.P.)** ..... Emil Youngquist, Mt. Vernon, Wash. (Corrected 16 year old record)	16	11	365	18448	3.1	570.1

* Incomplete lactation

** Advanced Registry record

Through an error, Direct Colantha Ruth 1843695, a Class. B producer, was previously listed as the leader in this classification. The entire Class. C, Jr. 3-year leaders with correct placings are shown.

TEN-MONTHS DIVISION

CLASSIFICATION A

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat ft. Lbs.
Full-Aged Class								
Penstate Veeman Hilda 1794295 (Clover Heights King Veeman) ..... B. & O., Pennsylvania State College, State College, Pa.	5	8	5	305	200	21527.3	3.1	667.5
W I S Jenniton Beets Mutual 1768102 (Jenniton Pontiac Beets Colantha) ..... B., Oregon State Farm, Oregon, Wis. O., Wisconsin Industrial School, Waukesha, Wis.	5	11	12	305	183	19977.0	3.2	643.8
McLean Farms Jemima Girl 1893752 (Lucky Lawn Artis De Kol) ..... B., F. C. McLean Jr., Greene, N. Y. O., McLaury Brothers, Portlandville, N. Y.	5	3	26	305	170	14642.1	3.4	500.3
CLASSIFICATION B								
Full-Aged Class								
Sowiscol Posch Creator Esther 1783839 (Winterthur Posch Ormsby King) ..... B. & O., So. Wis. Colony & Tr. School, Union Grove, Wis.	5	5	22	305	154	20118.4	4.2	840.6
	(State Leader)							
Pietertje Ormsby Rose Homestead 1598268 (Pietertje Ormsby Rose Lad) ..... B., F. H. Boyle, Peebles, Wis. O., Lauxmont Farms, Wrightsville, Pa.	8	8	28	305	223	18097.6	4.1	740.5

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat Lbs.
North Carolina Echo 1603851 (Cramerton King Echo Segis De Kol)	8	8	22	305	168	18569.1	3.6	674.2
B. & O., North Carolina State College, Raleigh, N. C.	(State Leader)							
U T Hero Segis Lady 1773351 (Sir Colantha Barb Hero)	6	1	29	305	185	17036.6	3.8	648.2
B. & O., University of Tennessee, Knoxville, Tenn.								
SX Bess Ormsby Beets 1733547 (King Bess Royal Ormsby)	5	9	12	305	160	18264.2	3.5	643.2
B., J. M. Dennis, Riderwood, Md. O., J. M. Dennis Jr., Riderwood, Md.								
Farmington Lady Colantha 1635745 (Sir Matador Mead)	8	0	18	305	173	18349.9	3.5	642.3
B. & O., State Hospital No. 4, Farmington, Mo.								
Model Bessie Rosalind 1822328 (King Bessie Model)	5	2	17	305	185	17603.2	3.4	607.0
B., R. V. Rasmussen, Deerfield, Ill. O., R. V. Rasmussen, Deerfield, Ill.								
L-JalCee Fern Star 1993576 (Montvic Rag Apple Starlight)	5	5	24	305	179	16675.5	3.6	601.7
B., L. J. Chapman, Lees Summit, Mo. O., State Hospital No. 4, Farmington, Mo.								
Reformatory Ormsby Miss De Kol 1844441 (Michigan De Kol Ormsby)	5	2	28	305	211	17139.6	3.5	593.9
B. & O., Michigan Reformatory, Ionia, Mich.								
Adohr Petunia 1765697 (M B B Johanna of Adohr)	6	2	3	305	160	16814.3	3.5	592.9
B. & O., Adohr Milk Farms, Tarzana, Calif.								
Hallrose Jeanette Beets 1789155 (Prince Tobe Johanna Beets)	5	9	14	305	183	18093.1	3.2	586.7
B. & O., S. B. Hall, Troutdale, Ore.								
Rawleigh Ollie Bessie 1800905 (Iowana Frysian Ollie Oak)	5	0	15	305	165	16305.8	3.6	581.3
B. & O., W. T. Rawleigh Co., Freeport, Ill.								
Dunloggin Adjoy 1620346 (Admiral Ormsby Fobes Again)	7	7	7	304	241	16748.4	3.5	580.2
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.								
Larro Bess Sensation Hazel 1747728 (Lakefield Piebe Bess Ormsby	6	7	11	305	183	15312.8	3.8	576.4
B. & O., Larrowe Milling Co., Detroit. Mich.								
SX Bess Ormsby Abbekerk 1727180 (King Bess Royal Ormsby)	5	9	22	305	163	17206.4	3.2	550.8
B. & O., J. M. Dennis Jr., Riderwood, Md.								
Correction Diamond Princess 1646776 (Correction Excetter Diamond)	8	2	9	305	188	15021.0	3.6	546.2
B. & O., Milwaukee Co. House of Correction, Milwaukee, Wis.								
Mabel Traverse Fobes Stormfield 2036457 (Traverse Buckeye Fobes)	6	1	29	305	174	15495.2	3.5	539.6
B., Sturman Bros., Pinconning, Mich. O., E. M. Bayne, Romeo, Mich.								
Reformatory Ona Nation 1631207 (Carnation Inka Valdessa)	7	11	29	305	231	15168.3	3.5	534.8
B. & O., Michigan Reformatory, Ionia, Mich.								
Rosehedge Goldenrod Corvette 1763785 (Sir Fobes Ormsby Goldenrod)	6	1	27	305	215	16495.5	3.2	526.4
B. & O., Mission Ranch, Phoenix, Ariz.								
Wye Oak Miss Korndyke 4th 1844262 (King C S Ormsby Piebe Della)	6	3	28	298	207	15750.6	3.2	510.0
B. & O., Elvin Hess, Strasburg, Pa.								
Reformatory De Kol Carnation 1753735 (Reformatory King Carnation)	6	9	16	305	228	13687.1	3.6	492.4
B. & O., Michigan Reformatory, Ionia, Mich.								
Ernhoft Daisy Inka May 1526041 (Sir Inka May 24th)	9	1	0	305	161	12562.6	3.5	440.5
B. & O., E. F. Krabbenhoft, Sabin, Minn.								
Ames Cornflower Greta 1853297 (Pabst Sir Colanthus Cornflower)	5	5	4	270	202	12644.3	3.2	404.9
B. & O., Iowa State College, Ames, Iowa								
Senior Four-Year Class								
Marquette Marathon Burke 1960865 (Marquette Pride Alexia Burke)	4	6	20	305	185	22298.6	3.5	791.2
B. & O., House of Correction & Prison, Marquette, Mich.	(State Leader)							
U-Mo Vesper Man-O-War Ormsby Louise 1880011 (Man-O-War 69th)	4	8	17	305	178	17147.6	3.7	629.3
B. & O., University of Missouri, Columbia, Mo.	(State Leader)							
Adohr Bess Gerben 1854669 (Echoland Sir Bess)	4	9	3	305	170	16116.9	3.7	597.9
B. & O., Adohr Milk Farms, Tarzana, Calif.								
Femco Minita Nudine Pride 1814862 (Femco Lilith Pride Ormsby)	4	11	12	305	207	16017.6	3.6	577.2
B., F. E. Murphy, Breckenridge, Minn. O., E. M. Arnos, Adrian, Mich.								
Hoesly Fobes Inka 1878619 (Hoesly Inka Prince)	4	7	21	305	202	13461.5	4.0	537.4
B., Baltz Hoesly, Monticello, Wis. O., A. C. Oosterhuis, Oconomowoc, Wis.								
Baker Farm Frances Direct 1813054 (Ormsby Direct)	4	8	9	305	188	14585.1	3.6	527.0
B., E. A. Baker, Exeter, N. H. O., Hawthorn Farms, Libertyville, Ill.								
Betty Burke Papoose 1835122 (Crownhurst Ideal Papoose)	4	10	28	305	183	14646.2	3.5	511.0
B., Allen Gilbert, Mannsville, N. Y. O., R. V. Rasmussen, Deerfield, Ill.								
Silvis Farm Aaggie York 1894782 (Piebe Homestead of York 30th)	4	8	18	305	171	14639.5	3.5	509.4
B., J. H. Silvis, Greensburg, Pa. O., Silvis Farms, Inc., Greensburg, Pa.								
Junior Four-Year Class								
SX Rex Bess Ormsby Fobes 1885780 (Dunloggin Rex)	4	3	5	305	185	20867.1	3.7	761.7
B. & O., J. M. Dennis Jr., Riderwood, Md.	(State Leader)							
R M F Johanna Posch Veeman 1998589 (Sir Louis Pabst Posch)	4	4	5	305	167	11225.8	3.8	423.2
B. & O., McLaury Brothers, Portlandville, N. Y.								
Senior Three-Year Class								
Dunloggin Ormsby Bessie 1908502 (Admiral Ormsby Fobes Again)	3	10	0	305	199	17681.0	3.9	685.6
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.	(State Leader)							
Marquette Alexia Fobes Sue 1947855 (Marquette Pride Alexia Burke)	3	7	5	304	221	17866.1	3.6	641.7
B. & O., House of Correction & Prison, Marquette, Mich.	(State Leader)							
Dunloggin Romeo Mistress 1897970 (Dunloggin Woodmaster)	3	11	1	305	180	15986.6	3.9	628.5
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.								
Dunloggin Sunday Mistress 1897967 (Dunloggin Woodmaster)	3	11	10	305	172	17838.5	3.4	600.6
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.								
Penstate Inka Josie Betsy 1915864 (Osborndale Chieftain Inka Ormsby)	3	9	27	305	236	16026.7	3.3	530.1
B. & O., Pennsylvania State College, State College, Pa.								
***Rag Apple Pietje Bayne-wood 1916430 (Montvic Rag Apple Pietje)**	3	7	10	251	113	15142.8	3.4	518.2
B., T. R. Dent, Woodstock, Ont. O., E. M. Bayne, Romeo, Mich.								
Plus Bessie Tulip 1913158 (King Bessie Plus Dixie)	3	11	18	266	192	13782.2	3.6	501.7
B., R. V. Rasmussen, Deerfield, Ill. O., Hawthorn Farms, Libertyville, Ill.								
Penstate Inka Doris 1915866 (Osborndale Chieftain Inka Ormsby)	3	9	0	305	209	12665.6	3.7	471.1
B. & O., Pennsylvania State College, State College, Pa.								
Cadette Cascade Ivaloy 1956363 (Pabst Sir Cascade Pontiac)	3	6	17	305	221	14357.9	3.2	462.0
B. & O., Ohio Soldiers' & Sailors' Orphans' Home, Xenia, Ohio								
Sister Star Segis 1903956 (Carnation Monarch Segis)	3	8	29	292	165	12896.2	3.2	410.9
B. & O., Illinois Masonic Home Farm, Sullivan, Ill.								
Lulu May Inka Segis 1932207 (Harmony Hills Prince Inka Segis)	3	10	8	303	227	10884.6	3.7	406.6
B., John Alexander, Baraboo, Wis. O., University of Illinois, Urbana, Ill.								
R M F Netherland Parthenea 1998606 (Buster Netherland Posch)	3	7	21	305	154	11433.6	3.4	383.7
B. & O., McLaury Brothers, Portlandville, N. Y.								
Junior Three-Year Class								
****Lauxmont Admiral Marlene 1936947 (Admiral Lauxmont)**	3	1	17	305	167	15963.3	3.7	590.0
B. & O., Lauxmont Farms, Wrightsville, Pa.								
Fairhurst Alice Plus Bessie 1986390 (King Bessie Plus Senor)	3	1	23	305	169	17150.1	3.4	581.4
B. & O., Leroy Kittle, Holland, Ohio	(State Leader)							
Queen Bessie Piebe Korndyke 1887698 (King Bessie Ormsby Pietertje 77th)	3	5	28	305	175	17984.8	3.2	575.9
B., H. H. Stickles, Claverack, N. Y. O., J. H. Stickles Est., Claverack, N. Y.								
***Westrick Farms Inka B Champion 1910871 (Ormsby Fobes Polkadot Inka)**	3	5	5	262	117	13360.7	3.8	513.9
B., J. T. Westrick, Defiance, Ohio. O., E. M. Bayne, Romeo, Mich.								
Wimbledon Queen Mary 1947308 (Wimbledon Dean Marathon)	3	1	11	305	196	13447.7	3.6	482.9
B. & O., H. O. Norris, Annapolis, Md.								
Bessie Ormsby Miller Johanna 1978882 (King Bessie Ormsby Pietertje 42d)	3	1	20	274	236	10916.5	3.2	351.0
B. & O., H. G. Miller, Northfield, Minn.								
Jaysee Ormsby De Cola Walker 1948725 (Winterthur Great Boast Mercury)	3	0	20	305	209	10188.5	3.2	330.7
B. & O., Jewish Consumptives' Relief Society, Spivak, Colo.								
Senior Two-Year Class								
Lauxmont Rag Apple Rio Rita 1936952 (Montvic Rag Apple Netherland)	2	9	27	305	177	18441.2	3.6	655.9
B. & O., Lauxmont Farms, Wrightsville, Pa.								
Cornell Boast Prissy 1979855 (Cornell Don Boast)	2	6	26	305	168	16652.7	3.7	610.4
B., Cornell University, Ithaca, N. Y. O., Bellevue Farms, Hyattsville, Md.								
Gilt Edge Barbetta Colantha 2096518 (Win-Stafa Sir Ormsby Barbetta)	2	9	6	305	181	17568.1	3.4	596.9
B., M. T. Haseleu, Waterloo, Wis. O., Mooseheart, Mooseheart, Ill.	(State Leader)							
North Carolina Airess 3d 2008590 (Osborndale Daniel Inka May)	2	8	8	305	224	15129.9	3.5	531.9
B. & O., North Carolina State College, Raleigh, N. C.	(State Leader)							

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat ft. Lbs.
Bess Pietertje Posch 2035867 (DeCreamCo Calamity Posch 25th)	2	6	15	305	187	14228.1	3.2	458.9
B. & O., L. W. Nisbet, Loveland, Ohio								
Quonquont Rose Modest 1974848 (Quonquont Sir Modest)	2	7	23	305	208	13076.6	3.4	448.5
B., F. U. Wells, Whately, Mass. O., Donaldson Brown, Port Deposit, Md.								
St Croixco Daisy Ormsby Burke 2017157 (Sir Pansy Bess Burke)	2	6	14	305	211	11570.3	3.6	419.9
B. & O., St. Croix County Asylum, New Richmond, Wis.								
Jaysee Ormsby Jennie La Vero 1948728 (Carnation Peerless Butter King)	2	9	12	305	210	10024.1	4.1	407.6
B. & O., Jewish Consumptives' Relief Society, Spivak, Colo.								
Silvis Farm Piebe Lothian 2056133 (King Piebe of York 75th)	2	6	24	276	217	11121.0	3.4	374.0
B., J. H. Silvis, Greensburg, Pa. O., Silvis Farms, Inc., Greensburg, Pa.								
Junior Two-Year Class								
Pabst Belmont Cascader 2012714 (Pabst Belmont Creator)	2	0	20	305	197	18171.7	3.3	605.8
B. & O., Pabst Farms, Oconomowoc, Wis.	(State Leader)							
Lady Calamity Posch Ollie 2083251 (DeCreamCo Calamity Posch 25th)	2	0	20	305	174	14866.4	3.8	563.0
B. & O., L. W. Nisbet, Loveland, Ohio								
Dunloggin Bango Fobes 1976200 (Dunloggin King Bessie Fobes)	2	5	23	305	276	15870.6	3.5	562.4
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.								
St Croixco Merville Bess Belmont 2043215 (Pabst Sir Belmont Colanthus)	2	0	16	305	171	14638.7	3.8	554.2
B. & O., St. Croix County Asylum, New Richmond, Wis.								
S C S H Posch Mohawk Celia Lora 2033471 (Man-O-War Posch Supreme)	2	1	21	305	215	15837.4	3.4	543.0
B. & O., South Carolina State Hospital, Columbia, S. C.								
St Croixco Mabel Colanthus 2028256 (Sir Pansy Bess Burke)	2	4	26	305	205	14607.1	3.7	534.6
B. & O., St. Croix County Asylum, New Richmond, Wis.								
Mendocino Model Pride 2032976 (Mendocino Model)	2	4	7	305	196	14689.2	3.4	503.7
B. & O., Mendocino State Hospital, Talmage, Calif.								
Lady Burke Gerben Colan Johan W 2043763 (Chief Piebe Ormsby Burke)	2	1	26	305	168	13950.4	3.5	494.0
B. & O., U. S. Dairy Division, Beltsville, Md.								
Lauxmont Admiral Rosita 1980819 (Admiral Lauxmont)	2	4	29	305	226	12105.0	4.0	480.3
B. & O., Lauxmont Farms, Wrightsville, Pa.								
Mendocino Cornelia 2032996 (Sleepy Hollow Concola)	2	1	6	305	176	14649.9	3.3	478.8
B. & O., Mendocino State Hospital, Talmage, Calif.								
Sowiscol Bessie Irene 2011308 (King Bessie Don Segis)	2	2	23	305	200	12291.9	3.8	471.2
B. & O., So. Wis. Colony & Tr. School, Union Grove, Wis.								
Distinction Modest Countess 2010735 (Quonquont Sir Modest 44th)	2	5	10	305	160	12135.5	3.8	461.6
B. & O., John Wuethrich, Greenwood, Wis.								
Bell Farm Chariona Dellaveld 2022537 (Bell Farm Sir Korndyke Chariona)	2	4	5	305	187	14737.1	2.9	434.0
B. & O., Bell Farms, Coraopolis, Pa.								
Acacia Rose Goldie 2031661 (Carnation Monarch Segis)	2	0	3	305	182	12288.5	3.5	429.1
B. & O., Illinois Masonic Home Farm, Sullivan, Ill.								
Mendocino Ruth Model 1989078 (Mendocino Model)	2	1	1	305	182	12419.5	3.4	419.5
B. & O., Mendocino State Hospital, Talmage, Calif.								
Dunloggin Ormsby Beets 1981798 (Admiral Ormsby Fobes Again)	2	3	16	305	251	11350.7	3.6	407.0
B., J. Natwick, Ellicott City, Md. O., J. Natwick & Co., Ellicott City, Md.								
Bell Farm Burke Beatrice 2029486 (Bell Farm Admiral Burke)	2	2	12	305	198	11253.6	3.6	404.0
B. & O., Bell Farms, Coraopolis, Pa.								
S C S H Boast Mohawk Bergsma Lois 2033468 (Winterthur Boast Herald)	2	1	18	305	220	11288.6	3.5	392.0
B. & O., South Carolina State Hospital, Columbia, S. C.								
R M F Posch Mutual 2018100 (R M F Posch)	2	2	28	305	220	11303.2	3.4	379.4
B. & O., McLaury Brothers, Portlandville. N. Y.								
Pabst Belmont Monsader Bess 1986668 (Pabst Belmont Creator)	2	1	29	305	177	9385.8	3.9	367.0
B. & O., Pabst Farms, Oconomowoc, Wis.								
Illini Dictator Bessie Queen 1973389 (Illini Dictator)	2	5	11	305	196	10377.0	3.5	361.2
B. & O., University of Illinois, Urbana, Ill.								
Bessie Cascade Duchess 1988716 (Pabst Prilly Duke)	2	4	5	305	201	8802.7	3.9	342.6
B., E. Knutson, Oconomowoc, Wis. O., Pabst Farms, Oconomowoc, Wis.								
Twie Burk Twie Orms. Gerb-Colan Wat 2059936 (Twice Chief Piebe P. G. C. Wat)	2	0	1	305	170	9118.4	3.7	336.0
B. & O., U. S. Dairy Division, Beltsville, Md.								
Flamstead Daisy Rosa 2004284 (Flamstead Segis Walker Matador)	2	1	9	305	180	10687.3	2.9	311.5
B., Grandview Dairy, Lafayette, Ind. O., E. M. Arnos, Adrian, Mich.								
CLASSIFICATION C								
Full-Aged Class								
Kanowa Ormsby Maid Man-O-War 1699397 (Man-O-War 59th)	8	0	0	305	192	17407.9	3.6	635.2
B. & O., Decker Brothers, Turlock, Calif.								
Bessie Grace Ormsby 1794338 (King Bessie Man-O-War)	6	1	11	305	193	13868.5	3.4	466.8
B., Henry & Geo. Van Driest, Cedar Grove, Wis. O., Henry Van Driest, Cedar Grove, Wis.								
N S A Marie Quantity Klimax 1693336 (U Neb Quantity Klimax)	6	8	18	305	169	10378.0	3.9	405.1
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
N S A Belle Quantity Klimax 1804338 (U Neb Quantity Klimax)	5	9	12	305	191	10472.1	3.5	368.7
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
N S A Dorothy Gerben Klaver 1153999 (U Neb Klaver King)	14	7	8	302	219	9711.9	3.7	360.7
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
N S A Marie Quantity Klimax 1693336 (U Neb Quantity Klimax)	7	10	17	274	222	10144.1	3.5	352.3
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
Senior Four-Year Class								
Sleepy Hollow Ormsby Inka Governor 1799650 (Carnation Governor Inka)	4	11	5	305	167	14882.2	3.8	566.3
B. & O., Fred Eggers, Meridian, Idaho	(State Leader)							
Level-land Pride Empress 1862577 (King Bessie Ormsby Pride 12th)	4	10	28	305	231	13883.7	4.0	557.9
B., F. A. Havlik, Wonewoc, Wis. O., A. C. Oosterhuis, Oconomowoc, Wis.								
N S A Vesta Quantity Klimax 1880818 (U Neb Quantity Klimax)	4	7	17	305	174	15287.7	3.3	507.8
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
N S A Veda Quantity Klimax 1880819 (U Neb Quantity Klimax)	4	6	13	305	186	10182.1	3.8	387.9
B. & O., Nebraska School of Agriculture, Curtis, Neb.								
Junior Four-Year Class								
Hart Beauty Royal 2150429 (Sleepy Hollow Baron Inka)	4	0	16	305	198	15078.1	3.6	548.0
B., Roy Shutwell, Boise, Idaho. O., Fred Eggers, Meridian, Idaho	(State Leader)							
Ormsby Bessie Korndyke Pet 1869894 (Ormsby Korndyke Segis Pet)	4	1	1	305	195	14766.3	3.3	486.9
B. & O., H. R. Metzler, Paradise, Pa.								
Borderland Friend Jenny 1933505 (Borderland Sir Friend)	4	2	24	305	158	9603.2	3.6	346.3
B. & O., Lloyd Taylor, Warwick, N. Y.								
Borderland Jim Jenny 1933507 (Borderland Jim Maplecrest)	4	0	18	303	221	8211.5	3.7	307.5
B. & O., Lloyd Taylor, Warwick, N. Y.								
Senior Three-Year Class								
Winterthur Pilot Posch Spamalo 1934439 (Winterthur Great Dad Pilot)	3	7	10	305	175	14284.3	3.6	520.4
B. & O., H. F. duPont, Winterthur, Del.								
Miss Pride Model Lass 1958998 (Sir Pride Superba)	3	9	26	242	167	13019.5	3.9	501.6
B. & O., P. P. Stewart, Maynard, Iowa	(State Leader)							
Amy Segis Piebe Alcartra 1869899 (Alcartra Piebe Fobes Lad)	3	11	29	305	189	12051.0	3.8	454.8
B. & O., H. R. Metzler, Paradise, Pa.								
Sleepy Hollow Hilda Governor Sopha 1930177 (Carnation Governor Inka)	3	8	15	305	237	11814.6	3.7	439.4
B. & O., Fred Eggers, Meridian, Idaho								
Sleepy Hollow Carol Governor Susan 1870311 (Carnation Governor Inka)	3	10	1	305	212	12519.7	3.5	435.1
B. & O., Fred Eggers, Meridian, Idaho								
Sadie Alcartra Voliska 1945409 (Alcartra Piebe Fobes Lad)	3	8	3	305	224	9182.7	3.5	317.9
B. & O., H. R. Metzler, Paradise, Pa.								
Junior Three-Year Class								
Sleepy Hollow Jean Governor Esther 1930181 (Carnation Governor Inka)	3	4	14	305	177	13874.6	3.6	504.8
B. & O., Fred Eggers, Meridian, Idaho	(State Leader)							
Level-land De Kol Pride Ormsby 1959297 (King Bessie Ormsby Pride 12th)	3	4	2	305	177	12235.6	3.9	481.4
B., F. A. Havlik, Wonewoc, Wis. O., A. C. Oosterhuis, Oconomowoc, Wis.								
Elmer Brook Helen Homestead 1965352 (Hoesly Joe Homestead Windsor)	3	2	11	305	223	10529.4	3.7	394.3
B., H. O. Elmer, Monticello, Wis. O., O. R. Lillie, Waukesha, Wis.								

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	L. of R.	Car. Calf	Milk Lbs.	Per ct.	Fat ft. Lbs.
Sleepy Hollow Poppy Comet Faith 1942489 (Sleepy Hollow Comet Governor Olga) B. & O., Fred Eggers, Meridian, Idaho	3	2	5	305	193	9873.9	3.7	366.9
Senior Two-Year Class								
Oostie Premier Lassie 1992845 (Premier Oostie) B. & O., A. C. Oosterhuis, Oconomowoc, Wis.	2	11	8	305	168	12886.8	3.3	420.5
Sleepy Hollow Polly Champion Patty 1930183 (Sleepy Hollow Champion Inka Jes.) B. & O., Ferd Eggers, Meridian, Idaho	2	6	1	305	194	10892.6	3.6	393.2
Hartog Piebe Bess 1986930 (Pomeroy Supreme Hartog) B. & O., Brennan Farm, Elkhorn, Wis.	2	7	20	305	175	9996.1	3.5	352.6
Borderland Gentian Ormsby 2058004 (Borderland Jim Maplecrest) B. & O., Lloyd Taylor, Warwick, N. Y.	2	7	27	305	204	7991.7	3.6	291.6
Junior Two-Year Class								
Lillian Pride Sunbeam 2051469 (Butter Boy Sunbeam Ormsby Fobes) B. & O., P. P. Stewart, Maynard, Iowa	2	0	10	301	195	14357.8	3.9	557.6
Netherton Thyrsa Piebe Veeman 2001031 (Prilly Adirondac Veeman 15th) B., E. L. Barber, Richland, N. Y. O., The Blount Lumber Co., Lacona, N. Y.	2	3	27	305	193	10943.2	3.8	416.8
Hoesly Mabel 1941771 (Hoesly Inka Prince) B., Baltz Hoesly, Monticello, Wis. O., Baltz Hoesly Est., Monticello, Wis.	2	5	12	305	167	11459.0	3.3	373.0
Ohio Ex Fobes Grace Marcella 1973522 (Experimental Fobes) B. & O., Ohio Agr. Exp. Station, Wooster, Ohio	2	2	17	305	174	9378.4	3.8	354.8
Ohio Ex Fobes Daw 2025942 (Experimental Fobes) B. & O., Ohio Agr. Exp. Station, Wooster, Ohio	2	2	23	305	214	9176.0	3.7	336.3

(State Leader)

* Formerly reported as yearly in Report No. 2

** Formerly reported as yearly in Report No. 3

HERD IMPROVEMENT TESTS

Name of Owner	No. Cows for Yr.	Av. No. Days	Av. Lbs. Milk	Av. % Fat	Av. Lbs. Fat
Classification B Herds					
Rancho Los Amigos, Hondo, Calif., 154B	154	294	14198	3.6	508.9
J. L. Boerger & Son, Irwin, Ohio, 10B	10	317	14506	3.5	501.6
Montana State College, Bozeman, Mont., 14B	14	294	13684	3.3	452.7
Maryland House of Correction, Jessups, Md., 52B	52	324	12601	3.4	425.1
Winnebago State Hospital, Winnebago, Wis., 71B	71	291	10966	3.4	375.7
H. J. Chittenden, Toledo, Ohio, 18B	18	290	10282	3.5	355.7
Classification C Herds					
I. H. Lichtenwalner, Barron, Wis., 7C	7	315	12963	3.8	493.2
Emil Youngquist, Mt. Vernon, Wash., 19C	19	328	13880	3.5	478.9
J. Blake Winter, Middletown, N. Y., 20C	20	319	12643	3.7	462.8
Wm. H. Tamm, Franksville, Wis., 16C	16	332	12346	3.6	441.8
Clive F. Brown, Stewartville, Minn., 10C	10	315	13103	3.4	440.1
Shirley V. Willson, Delta, Ohio, 6C	6	310	13613	3.1	424.5
H. J. Dane, Iowa City, Iowa, 11C	11	308	11387	3.7	416.0
A. H. Reilly, Waukon, Wash., 14C	14	329	11639	3.5	412.9
O. W. Moore, Gering, Neb., 20C	20	306	11533	3.5	408.2
Arthur Cull, Peewaukee, Wis., 13C	13	311	10544	3.9	406.1
J. H. Hulbert, Mt. Vernon, Wash., 11C	11	304	11687	3.5	404.6
A. B. Brewer & Son, Canaan, Conn., 19C	19	310	11177	3.5	396.2
H. W. Betry & Son, Berlin, Wis., 14C	14	321	11790	3.3	393.8
Geo. H. Spencer, Lawton, Mich., 11C	11	324	11924	3.3	392.4
Jas. B. Reilly, Ferndale, Wash., 12C	12	312	11592	3.3	381.0
A. C. Kruschke, New Richmond, Wis., 16C	16	303	10701	3.6	380.1
C. F. Woodford & Son, Avon, Conn., 15C	15	289	10508	3.6	379.4
Chas. Hughes & Son, Neenah, Wis., 16C	16	322	10643	3.5	375.3
Thornton A. Green, Marshfield, Wis., 17C	17	303	10969	3.4	372.3
Idaho State School for Deaf & Blind, Gooding, Idaho, 9C	9	323	11795	3.1	367.9
E. P. & O. C. West, Hadley, Mass., 40C	40	293	9913	3.7	367.8
Hy. R. Bourassa & Sons, Linwood, Mich., 31C	31	303	10813	3.4	366.9
Lewis Prenkert, Galien, Mich., 14C	14	318	9445	3.8	361.9
Seelhoff Brothers, Owosso, Mich., 21C	21	299	10809	3.3	361.9
Fredmar Farms, St. Louis, Mo., 14C	14	291	10862	3.3	359.8
C. E. Braden, Sheldon, Ill., 10C	10	296	10747	3.3	359.0
Davis & Sauerbry, Oelwein, Iowa, 19C	19	303	10005	3.4	342.7
Lake Tomahawk St. Camp, Lake Tomahawk, Wis., 25C	25	289	10245	3.3	341.9
Reuben Klofanda, Racine, Wis., 13C	13	313	9864	3.5	340.9
Baptist Orph. of North Carolina, Thomasville, N. C., 48C	48	329	9987	3.4	338.9
C. R. Doebel, Manly, Iowa, 12C	12	301	10593	3.2	336.6
O. A. Zuehlke, Oshkosh, Wis., 12C	12	328	9663	3.4	330.9
A. D. MacDonell, Washington Depot, Conn., 3C	3	326	8082	3.6	290.6
New York State School of Agriculture, Alfred, N. Y., 18C	18	262	8153	3.5	286.6
University of Minnesota, Crookston, Minn., 26C	26	303	8434	3.3	277.0
R. H McMillan, Sandpoint, Idaho, 8C	8	308	7382	3.4	251.7
Mixed Classification Herds					
Leroy Kittle, Holland, Ohio, 4B-3C	7	313	14474	3.4	486.6
F. F. Pellissier, Whittier, Calif., 32B-24C	56	297	12718	3.7	471.7
Albert J. Evers, Forest Grove, Ore., 6B-15C	21	329	13646	3.4	468.8
Louisiana State University, University, La., 34B-76C	110	310	11192	3.5	396.0
A. H. Poston & Sons, Spokane, Wash., 14B-47C	61	313	11566	3.4	389.8
Guy Hillier, Marion, Iowa, 3B-11C	14	276	11093	3.4	379.2
Kansas State College, Manhattan, Kans., 15B-1C	16	305	10326	3.5	360.3
A. L. Rose, Pine Plains, N. Y., 21B-5C	26	281	10464	3.4	357.9
Walter Hazen, Alliance, Ohio, 7B-14C	21	317	9173	3.5	324.6
Utah School for the Deaf & Blind, Ogden, Utah, 7C-1B	9	274	9179	3.3	303.9

M. B. NICHOLS, Department of A. R.

CALIFORNIA HERD MAKES STRIKING PROGRESS

Home Dairy, in Marin County, Calif., just across the Bay north of San Francisco, has made a remarkable record of improvement during the past ten years, according to a report from G. E. Gordon, Extension Dairyman. It is a large commercial dairy outfit, in operation for many years, with grade cattle. In 1931, they entered the CTA and 321 cows made an average of 7,387 lbs milk, 260.3 lbs fat. They were participating in the California dairy improvement program started using purebred Holstein bulls of good quality and also other improvements in management practise. By 1935 they had increased their average production to 10,349 lbs milk, 411.6 lbs fat for 282 cows—almost a 40% increase in total production from 12% less cows.

They have maintained this average consistently the next five years, showing the following remarkable results:

Year	No. Cows	Lbs Milk	Lbs Fat
1936	259	10,399	422.9
1937	286	10,275	432.3
1938	278	10,081	419.5
1939	276	10,337	414.9
1940	261	10,583	435.7

"Over this 10-year period this interest in high production has also created an interest in better sires — to the extent that at the Holstein Sale held at the Cow Palace last spring Mr. Freitas, the owner of this dairy, bought the top bull in the sale and three others. The prices on the four ranged from $375 to $725, which was the top bull of the sale. The average price of the 4 bulls which he purchased at the sale was $558. He had never owned a purebred female until the time of the sale, when he also bought a purebred heifer. These bulls which Mr. Freitas bought at the Cow Palace, as listed above, were for use in his grade herd — about 260 cows."

At a meeting of the Ohio State Fair Board March 2, definite decision was reached to hold the 1942 Exposition. The Army had been considering use of the fair grounds, but from present plans will postpone this until September. The fair comes the last week in August.

SELLS RAG APPLE BULLS

Val. Bast and Sons, Rockfield, Wis., reports good sales of sons of their present herd sire, Hays Choice, to Wisconsin breeders. Hays Choice is a son of Montvic Rag Apple De Kol from a twice 600-lb fat dam. He carries 37½% of the blood of Johanna Rag Apple Pabst. Purchasers of his sons are as follows:

Harry Beuscher & Son, Rockfield; Henry Schmidt, Jackson; Herbert Indermuchle, Hartford; Art Praag, Lannon; Mrs. Albert Stephan, Richfield; Samuel L. Mann, Waukesha; Robert Walter, West Bend; Victor Hauschel, Hartford; Corn. Gundrum, Hartford; and Wm. Fischer, Keowns Corners, Wis.

The Hays bull is the third Johanna Rag Apple Pabst bred sire in the Vast herd, previous ones being Rock Star Prilly Burke, by a Joe Piek bred sire, and sire of most of the present milking herd, and a son of Admiral Lauxmont from a Joe Piek bred dam.

The Vasts, father and three sons, also breed purebred Percherons, which furnish all their farm power. Their stud is a son of the International Champion, Cy Laet.

White Collie dogs are also on the livestock program, with 20 to 30 in the kennels ordinarily, and some 200 pups for sale every year. They farm 413 acres on five farms, four located at Rockfield and one at Hartford.

Sons and Daughters of
SIR DEWDROP JOHAN
Our proven son of Dewdrop Johanna Changeling, world record holder for one year and for six, seven and eight lactations on twice a day milking. Safe delivery guaranteed. High producing good type dams. Send for Hartholm folder—"Where Better Bulls are Bred."
DOUGLAS HART Woodstock, Ont.

Pennsylvania Holsteins
The Federation now offers a complete SALES SERVICE. If you want foundation breeding animals, let us supply you with information on where they may be found. If you have such animals for sale, allow us to place them for you.
Pennsylvania Breeders—if you are not already cooperating with the Federation as a member JOIN TODAY.
Pennsylvania Federation of Holstein-Friesian Clubs
19 E. Main St., Strasburg, Pa.
Clarence Lyons, Secretary

Herd Books Wanted
A customer desires to purchase the following odd volumes of the Herd Book and authorizes us to offer $3.00 each for any of the following:
Nos. 72-73-75-76-80 HFHB
Will Pay $5.00 for a copy of
At Present Have Orders
Vol. 1 Dutch Holstein HB
Only for Those Listed Above
HOLSTEIN-FRIESIAN WORLD
Lacona, N. Y.

SEYBOLD HERD CLASSIFIED

Twenty-one animals in the herd of Leonard Seybold, Forest Junction, Wis., were recently classified for type by official inspector R. J. Schaefer of Appleton, Wisconsin. One was "Excellent", 9 "Very Good", 7 "Good Plus", and 4 "Good." The average type score of the classified animals is 83.8 points, which rates among the leaders for herds of this size. The cow rating "Excellent" is Cherrybold Erskine Colantha, a daughter of King Ormsby Pietertje Pense 5th, the only daughter of this sire that was officially rated.

Three of the "Very Good" animals were daughters of Admiral Bonny Girl 676723, and three others were by Fobes Pontiac Cornflower 585042. A Seybold herd sire, Cherrybold Ensign Pride 772579, son of Ensign Ormsby Spofford, was rated "Very Good" as was one daughter of this "Spofford" bull.

MORE COLORADO 500-POUNDERS

Most recent additions to the honorary 500-Pound Cow Club in Colorado DHIA circles are listed in the January report. They are topped by the registered Holsteins De Kol Prilly Ormsby Girl, owned by the Jefferson Co. Farm, and by Countess Betty De Kol Ormsby, owned by C. W. Henry, Greeley. Both produced 741.1 lbs fat, the Jefferson Co. cow at 4 years of age on two-time milking—the Henry cow at 9 years on three-time milking.

Mr. Henry had one other on the list, 12-year-old Betty De Kol Ormsby Cragdale, with 612.5 lbs fat. The Colorado State Penitentiary had three from 528 to 676 lbs; Colorado State College had three from 532 to 607 lbs; and the Sinton Hassler Ranch had two with 536 and 673 lbs. Others on the list were Modern Woodmen Sanitarium; Colorado School for Deaf and Blind; Denver Farm; A. L. King; Colorado State Hospital; Lloyd Robertson; and Ted E. Donley.

NEW YORK "APPROVING" VACCINATED HERDS

New York herd owners are enrolling in considerable numbers in the calf-vaccination plan which the State set up last fall. At last report (about March 1) 1,734 owners in 55 different counties had made application to enroll their herds. Up to Feb. 19, preliminary blood test reports had been received from 1,323 owners, and as of that date, 4,212 calves had been officially vaccinated. Several counties are making plans to take up this work on a county wide area basis. Not generally understood is the fact that New York has made provision for a classification of Approved-Vaccinated herds, under the following regulation:

"A herd under the vaccinal plan may be certified as a HERD FREE OF BRUCELLOSIS for a period of one year when all animals in the herd over two years of age reveal at least two negative reactions to official blood agglutination tests properly spaced, when non-vaccinated heifers under two years shall similarly be proved negative to the test, and when vaccinated heifers under two years either show a satisfactory decline in titer or are removed for slaughter."

Fall Bull Calves
From high record cows and sired by our 1,119-lb fat son of Governor of Carnation and our son of Carnation Peerless Creamelle. Write for bull list, or pay us a visit.
JOHNSON & KIRSCH
RD 2 Burlington, Wis.

CHOICE BULLS, YOUNG HEIFERS, ALWAYS FOR SALE
Herd founded on blood of North Star Joe Homestead and Sir Inka May.
DHIA AVERAGE 456 LBS FAT
19 Head — 7 in B, 12 in C
Our first year in Herd Test will be completed in December. Watch for the reports.
ZORN PLUMBOTTOM FARM
WALTER ZORN Egg Harbor, Wis.

FIVE-YEAR AVERAGE

The herd of J. L. Boerger & Son, Irwin, Ohio has completed its 5th consecutive year on Herd Test with a 10-cow average of 501 lbs fat, 14,506 lbs milk in Class B. This is the fifth consecutive year the herd has averaged over 500 lbs fat. Volume 11 of the Red Book shows their highest yearly average as 600.4 lbs fat from 17,511 lbs milk on seven cows. The five-year average is 540.5 lbs fat from 15,825 lbs milk.

Many Leading Holstein Breeders Feed
MANAMAR
(the protein, mineral, vitamin supplement)
Used by Mark Keeney while producing six world records for milk and butterfat. Mentioned in "Cow-philosophy." Now—while increased milk production is so important, you should write for complete FREE information to—
PHILIP R. PARK, INC.
Chicago, Illinois San Pedro, Calif.

STATIONERY SPECIAL
500 Full Size Letterheads, up to 10 lines of type on 20-lb. White Bond, and 500 No. 6¾ Envelopes, printed
$5.79 postpaid
The CORSE PRESS
Sandy Creek, N. Y.

"Bang's Disease of Cattle"
By Dr. George H. Conn
This book by Dr. Conn contains his philosophy of Bang's Disease Control, based upon many years of experience as a practicing veterinarian, and his observations of results obtained by other veterinarians as well as by State and Federal control officials.
Dr. Conn fearlessly tells a side of the Bang's Control story that State employed veterinarians are loath to tell.
Price--$1.00 postpaid
H. F. WORLD, Lacona, N. Y.

Now as Never Before You Need Pedigrees.

YOUR PROSPECTIVE BUYERS ARE GOING TO WRITE AND ASK FOR PEDIGREES AND PRICES BEFORE THEY USE UP THEIR TIRES TO DRIVE TO YOUR FARM.

$2.25 will bring you 10 copies of a four generation pedigree. Just send name, number, date of birth, name and number of the sire and dam and we will do the rest.

SEND YOUR ORDER TODAY

NATIONAL PEDIGREE COMPANY

VID VYE, Owner **Waukesha, Wis.**

Pedigrees that Satisify

At Prices Within the Reach of ALL

1. TYPEWRITTEN
4-Gen., 3 copies $1.50
5-Gen., 3 copies 3.00
Extra Large 4-Gen. 2.00
2. DUPLICATOR
25 Copies $2.65
50 Copies 3.75
(Both 4-Gen., two colors)
3. PRINTED PEDIGREES
100 copies, 4-Gen., one color, 6x9 ..... $4.00
100 copies, red border, 8½x11 ..... 6.50

Quality, Accuracy, Completeness and Prompt Service with Satisfaction Guaranteed

Backus Pedigree Co.—Mexico, N. Y.

AMERICA'S OLDEST ESTABLISHED PEDIGREE HOUSE

When You Sell Your Herd—

To insure the greatest net returns, much depends on thoroughness in handling many details calling for expert knowledge. Our experience in management of leading Holstein dispersals throughout the country over a twenty-year period is available anywhere in the U. S A.

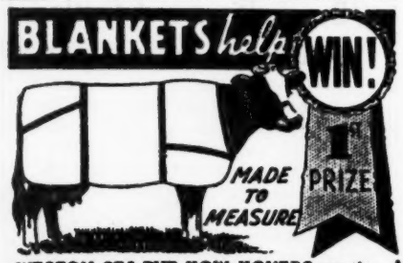
When you plan to sell your herd, either large or small, write us, giving details. No charge is made for correspondence on your sale problems. Rates for complete management are the same as for other reputable sale service.

A. W. PETERSEN Sales Manager, Oconomowoc, Wis.

Strohmeyer & Carpenter, Inc.

Photographers of Animals

White Plains - Box 788 - N. Y.



WESTON STA-PUT KOW KOVERS are the last word in style, fit, color, quality and PRICE.
Send postcard for new folder and price list.

WESTON MFG. & SUPPLY CO.
1943 SPEER · DENVER

World Advertising Gets Results

C. B. Smith

LIVESTOCK AUCTIONEER

Specializing in Holsteins

My lifetime experience in all phases of Holstein endeavor is at your service. It pays to employ an auctioneer who knows values.

Address, Pinconning, Mich.

C. M. HESS

Auctioneer

London, Ohio

Holsteins a Specialty

FRANKLIN *products*

PROTECT THE STOCKMAN'S PROFIT

BREEDERS SUPPLIES

Many special items not obtainable elsewhere.

Large line of Livestock vaccines

64 PAGE CATALOG FREE

O. M. FRANKLIN SERUM COMPANY

SMILES

Time Was Kind

"Are you the girl who took my order?" asked the impatient gentleman in the cafe.

"Yes, sir," replied the waitress politely.

"Well I'll be darned," he remarked, "you don't look a day older."

Puzzled

A farmer was losing his temper trying to drive two mules into a field when the parson came by.

"You are just the man I want to see," said the farmer. "Tell me, how did Noah get these into the ark?"

Profitable Cross

"As a farmer," said Farmer Smith, "I claim to have a valuable hen. I crossed a parrot and a hen and as a result I have a chicken now that not only lays an egg, but also says 'come and get it.'."

Lady Missionary: "There, there, little boy. What are you crying for?"

Junior Cannibal: "Boo-hoo! Every time we have roast missionary for dinner I get the neck!"

Not Convincing

Farmer: "Hi there! What are you doing up in my cherry tree?"

Youngster: "Dere's a notice down dere to keep off de grass."

A Slip of Memory

Parent: "My daughter tells me that you are a church member. What church do you belong to?"

Suitor: "Why —the—er—name some of them over."

Two Nothings

Johnnie: "My sister has a wooden leg."

Freddie: "That's nothin'. My sister has a cedar chest."

Amen!

German Mother: "Remember, Fritzie, when you're saying your prayers to say, 'Thank God' and 'Thank Herr Hitler'."

Fritzie: "What will I say mother, when Hitler dies?"

Mother: "Oh, dear, you just say, 'Thank God'!"

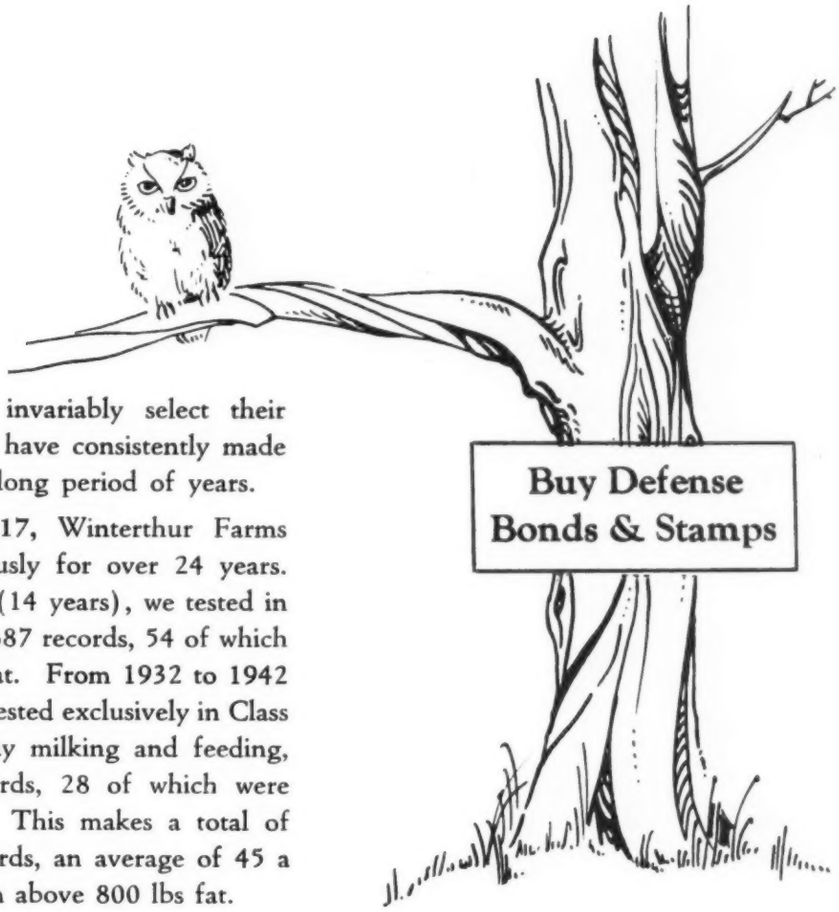
Cop: "Hey, there, just a minute, mister, where are you going to this time of night?"

Wanderer: "I'm—hic—going to a lecture."

"Lay or Bust"

Come on, hen!
Say when!
Don't be a cluck!
Don't pass the buck!
Hey!
Lay!
Today!
Then to their nests they quickly scram
And give three cheers for Uncle Sam.—Washington Post.

Some folks who worry about a rattle in the car don't seem to notice one in the brain.



WISE BREEDERS invariably select their sires from herds that have consistently made good records over a long period of years.

STARTING IN 1917, Winterthur Farms have tested continuously for over 24 years. From 1917 to 1931 (14 years), we tested in Class A, completing 687 records, 54 of which were above 800 lbs fat. From 1932 to 1942 (10 years), we have tested exclusively in Class C, strictly twice a day milking and feeding, completing 407 records, 28 of which were above 800 lbs. fat. This makes a total of 1,094 long time records, an average of 45 a year, with 82 of them above 800 lbs fat.

RIGHT NOW we have 55 cows on test in Class C.

THE WINTERTHUR HERD is built on the blood of Spring Brook Bess Burke 2d, and every animal in the herd, with the exception of one herd sire, traces from 2 to 16 times to this great foundation cow. Every female was bred and born at Winterthur.

DUE TO OUR SYSTEMATIC breeding program Winterthur animals are of uniformly good type and exceptionally large in size.

WINTERTHUR FARMS holds 7 of the 14 National Championships in Class C.

BULLS FOR SALE from Class C dams with records up to 920 lbs. fat. Pedigrees, pictures and prices on request.

Visitors Are Always Welcome at Winterthur

Winterthur Farms

Winterthur, Delaware

Accredited 18 Years **Negative 15 Years**

DUNLOGGIN MISTRESS DELLA

994-Lb. Fat
26,990-Lb. Milk

Dunloggin Mistress Della, has only recently finished this record. She is a full sister to Safemaster and also to Dunloggin Footprint. Her dam is Beauty Pietertje Netherland Della, with 783.6-lb fat, a great show cow and daughter of Pietertje Ormsby Mercedes Della. She is due to calve May 27th to Golden Cross and the calf, if a male is sold.

DUNLOGGIN HAPPY MISTRESS

938-Lb. Fat
26,466-Lb. Milk

Dunloggin Happy Mistress made the above record last year as a 4 year old. She is again on test and in 5 months has 555-lb fat. On her March test (6th month) she milked 94.7-lb testing 3.86% for a total of 3.65-lb fat. Her dam is a daughter of North Star Champion and she is a full sister to "Gay Mistress" that won the 2 yr old class at Timonium in 1940. She has been bred to Golden Cross.

DUNLOGGIN PROUD MISTRESS

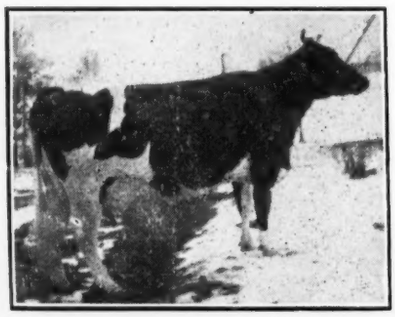
897-Lb. Fat
21,194-Lb. Milk

Dunloggin Proud Mistress has recently completed this record. She is a full sister to Fond Memory, to First Mistress and a maternal sister to Dunloggin Aim — all being the produce of Dunloggin Elenora. She is the dam also of Dunloggin Woodsman (at Baker Farm). She is now due to calve to the services of Golden Cross and the calf, if a male is sold.

DUNLOGGIN MISTRESS QUEEN

860-Lb. Fat
21,500-Lb. Milk

Dunloggin Mistress Queen has just completed this record and the figures are only approximate. She is a maternal sister to Adeen (1,019-lb fat)—is from an 800-lb daughter of Marathon Bess Burke, is the dam of Confident Queen, whose next calf goes to Mark Keeney. She is also the dam of Lauxmaster at Lauxmont. She is now due by Golden Cross and the calf if a male, is sold.



DUNLOGGIN MISTRESS PRINCESS

809-Lb. Fat
22,839-Lb. Milk

Dunloggin Mistress Princess made her above record at just 3 years of age with first calf. She is from a daughter of Strathmore Matchless Supreme. She is due to calve again on June 6th to the services of Golden Cross and to us looks like becoming one of the highest record daughters of her sire.

We are glad to show you here five of the more mature of some 60 daughters now on the farm, sired by Dunloggin Woodmaster. He is still in active use and we hope for many more in number.

To us he appears to be rather an unusual sire in the sense of being able to produce both daughters AND SONS that prove quite satisfactory. There is little need to further dwell upon the remarkable record of his son Dunloggin Design at Overbrook (now the World's Highest Index sire) or to Dunloggin Deubler who has done so remarkably well with his limited opportunity at Jonabell or of the promise that Safemaster seems to hold at Lauxmont,—but in numerous smaller places where sons have been used, that same degre of worthiness is evident. We would like to think of Woodmaster as a really two way sire.

In the latest issue of this publication there appeared an offering of one of his sons. This bull was immediately sold to go into a splendid herd and only 24 hours ahead of a 'phone call from Chicago for the same calf. Incidentially this latter party chose another of his sons.

That there is wide-spread interest in his blood is evident since the male progeny, if and when born, of the following cows have all been reserved and each will be quite well "loaded" with his blood.

Lashbrook Pearl Ormsby 2d.
Dunloggin Elenora
Dunloggin Adeen
Dunloggin Mistress Pabst
Dunloggin Mistress Della
Dunloggin Proud Mistress
Dunloggin Mistress Queen
Dunloggin Confident Queen
Dunloggin Mistress Adeen
The Belle of Dunloggin
Dunloggin Lieen
Dunloggin Mistress Papoose

Three of the Five Are Sold

Of the five calves we advertised in the Bull Bargain Issue, three are sold — one to Indiana, one to Michigan, one to Pennsylvania. Then a New York breeder dropped in and bought the calf we had planned to advertise here this time. But with upwards of fifty calves due between now and July 1, we will do our best to fill your orders.

DUNLOGGIN
ELLICOTT CITY, MD.

ELLICOTT CITY, MARYLAND